



COUNTY BOROUGH OF TYNEMOUTH

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EIGHTY-SECOND  
ANNUAL REPORT

OF THE

Medical Officer of Health  
AND  
Senior Public Health Inspector

1962





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# County Borough of Tynemouth

## HEALTH COMMITTEE

January to April, 1962

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THE MAYOR (Councillor J. SMITH).

### Chairman :

Councillor Mrs. S. A. BALLARD

### Deputy Chairman :

Councillor Mrs. M. E. TURNER

### Members :

|            |             |            |                    |
|------------|-------------|------------|--------------------|
| Alderman   | T. DUFF     | Councillor | Mrs. A. SOUTHWORTH |
| Councillor | J. P. HEARN | „          | H. SOWERBY         |
| „          | J. C. KNOX  | „          | S. B. SPENCE       |
| „          | E. PEREIRA  | „          | J. G. WALSH        |

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May to December, 1962

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THE MAYOR (Councillor G. M. M. BILCLOUGH)

### Chairman :

Councillor Mrs. M. E. TURNER

### Deputy Chairman :

Councillor Mrs. S. A. BALLARD

### Members :

|            |                 |            |                    |
|------------|-----------------|------------|--------------------|
| Alderman   | T. DUFF         | Councillor | Mrs. A. SOUTHWORTH |
| Councillor | A. E. BOOTH     | „          | H. SOWERBY         |
| „          | Mrs. N. KITWOOD | „          | S. B. SPENCE       |
| „          | J. C. KNOX      | „          | J. G. WALSH        |
| „          | E. PEREIRA      | „          | J. R. WATSON       |

# STAFF OF THE PUBLIC HEALTH DEPARTMENT

—: o :—

## MEDICAL AND DENTAL

|                                                                       |                                                            |
|-----------------------------------------------------------------------|------------------------------------------------------------|
| Medical Officer of Health and<br>Principal School Medical Officer ... | R. H. DAWSON, M.B., Ch.B., D.P.H.                          |
| Assistant Medical Officer of Health ...                               | MARGARET A. LORAINÉ, B.Sc., M.B., Ch.B.,<br>D.P.H., D.C.H. |
| do. do. ...                                                           | G. MacA. DOWSON, M.B., B.S., D.P.H.                        |
| Principal Dental Officer ...                                          | R. W. ESSENHIGH, L.D.S.                                    |
| Dental Officer ...                                                    | LILA M. STEELE, B.D.S.                                     |
| Dental Attendants ...                                                 | Miss H. GRAY.<br>Mrs. W. G. FRIER.                         |

## NURSING

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Superintendent Nursing Officer | ... A. M. TURNER, S.R.N., S.R.F.N., S.C.M.,<br>H.V. Cert. (Q.N.).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Health Visitors ...            | ... M. A. BATEY, S.R.N., S.C.M., H.V. Cert.<br>A. I. MOONEY, S.R.N., S.R.F.N., S.C.M.,<br>H.V. Cert.<br>E. MYERS, S.R.N., S.C.M., H.V. Cert.<br>E. SMART, S.R.N., S.R.F.N., S.C.M., H.V.<br>Cert.<br>M. A. WIGHT, S.R.N., S.C.M., H.V. Cert.<br>K. I. M. HODGSON, S.R.N., S.C.M., H.V.<br>Cert.<br>A. TINDLE, S.R.N., S.C.M.<br>M. E. MADDEN, S.R.N., S.R.C.N., S.C.M.<br>(Part 1), H.V. Cert.<br>J. BROWN, S.R.N., S.R.F.N., S.C.M., H.V.<br>Cert.<br>E. BUXTON, S.R.N., S.R.F.N., S.C.M.<br>(Q.N.), H.V. Cert.<br>O. RICHARDSON, S.R.N., S.C.M. (parts 1<br>and 2), H.V. Cert. |
| Clinic Nurse ...               | ... J. S. OLIVER, S.R.N. (Q.N.). (Resigned<br>7.9.62).<br>A. MAXWELL, S.R.N. (Commenced 22.10.62).                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| District Nurses ...            | ... C. THOMSON, S.R.N.<br>M. DIXON, E.A.N.<br>G. E. BELL, S.R.N., S.C.M.<br>J. L. ASMAN, S.R.N., (Q.N.).<br>M. TOMLINSON, S.R.N. (Resigned 30.11.62).<br>J. H. SMITH, S.R.N., S.C.M.<br>E. M. HAY, S.R.N., (Q.N.), S.R.F.N.<br>G. McCORMACK, S.R.N., S.C.M. (parts 1<br>and 2).<br>J. PURVIS, E.A.N. (Part-time).<br>M. S. ALLEN, S.R.N. (Commenced 2.7.62).                                                                                                                                                                                                                     |
| Municipal Midwives ...         | ... M. CARRUTHERS, S.C.M.<br>A. BROWN, S.C.M.<br>E. BRIGGS, E.A.N., S.C.M.<br>E. SIMPSON, S.C.M.<br>I. E. RUSSELL, S.R.N., S.C.M.<br>E. M. K. JOEL, S.R.N., S.C.M.<br>A. G. CRAGG, S.R.N., S.C.M. (Q.N.).<br>(Resigned 11.11.62).                                                                                                                                                                                                                                                                                                                                                |

### **PUBLIC HEALTH INSPECTION**

Senior Public Health Inspector ... C. A. MURRAY, Cert.S.I.B., Cert. Meat Inspection.  
Deputy Senior Public Health Inspector J. E. HALL, Cert. R.S.I., Cert. Meat Inspection.  
Public Health Inspectors ... ... L. MORALEE, Cert. S.I.B., Cert. Meat Inspection.  
R. C. NICHOLSON, Cert. S.I.B., Cert. Meat Inspection.  
S. TREWHITT, Cert. S.I.B., Cert. Meat Inspection.  
G. A. NEWMAN, Cert. S.I.B., Cert. Meat Inspection.

### **PUBLIC ANALYSTS**

W. GORDON CAREY, F.R.I.C.  
ALAN HUTCHINSON, R.F.I.C., (Deputy).

### **HOME HELP ORGANISER**

Mrs. A. M. CLARK, Dip. Inst. H.H.O.

### **MENTAL WELFARE OFFICERS**

B. O. BLAGBURN.  
H. J. SPRATT (part-time).  
C. R. BEACHER (part-time).  
Mrs. M. A. BATEY (part-time).

### **CLERICAL**

Chief Clerk ... ... W. R. MILLER.  
Senior Clerk ... ... G. G. ELLIS.  
Clerks ... ... C. R. BEACHER.  
H. J. SPRATT.  
Miss M. LAMBERT.  
Mrs. J. WAUGH.  
Miss E. BOGIE.  
Miss J. MORTON.  
Miss G. CRAGG.  
Miss E. HARRISON.  
Miss P. K. COVENTRY.  
Mrs. M. MONEY (part-time).  
Mrs. M. A. HALL (part-time).  
Mrs. A. E. REDSHAW (part-time).  
Mrs. M. I. K. SCOTT (part-time).

### **CHIROPODIST**

Mrs. R. BARNETT, M.Ch.S. (part-time).

### **PHYSIOTHERAPIST**

Miss M. E. WAKE (part-time).

### **TRAINING CENTRE FOR THE MENTALLY SUB-NORMAL**

Supervisor ... ... Mrs. H. INNES, Dip. N.A.M.H.  
Assistant Supervisors ... ... Mrs. L. A. SMITH  
Mrs. K. L. DAVISON  
Mrs. A. A. COOPER  
Domestic Assistants ... ... Mrs. S. DAVEY  
Mrs. J. SPENCE.

### **RESIDENT CARETAKER**

E. CARTLEDGE (retired 13.8.62).  
J. A. KENT (commenced 3.9.62).

### **VAN DRIVER**

E. G. HENSON (commenced 28.5.62).

Tel. No.:  
North Shields 74186

Public Health Department,  
Albion Road,  
North Shields,  
Northumberland.  
August 1963.

*To the Mayor, Aldermen and Councillors  
of the County Borough of Tynemouth.*

YOUR WORSHIP, LADIES AND GENTLEMEN,

I have the honour to present the Annual Report upon the health and sanitary conditions of the County Borough of Tynemouth for the year 1962.

As in previous years, I would refer you to the text of the report for detailed statistical data. There are, however, certain features relating to vital statistics to which I would draw your attention particularly.

The birth rate of 20 717 per thousand of the population is in excess of that recorded for the previous year and is again higher than the average figure applicable to England and Wales for the corresponding period (18 0).

The death rate of 11 444 per thousand of the population was less than that of the previous year (11 744) and was, once again, below that relating to England and Wales as a whole (11 9).

Whilst cancer claimed a smaller number of victims than during any year in the past decade, it is disturbing to note that, within the total figure, fatalities ascribed to cancer of the lung and other sites in the upper respiratory tract was higher than in 1961. That this deplorable fact is associated with the current habits relating to excessive indulgence in cigarette smoking is incontrovertible.

The incidence of infectious disease, with the exception of measles, which attained epidemic proportions in the final quarter of the year, was low. In this connection, the acceptance of immunological procedures offered to the child population whilst reasonably satisfactory leaves room for improvement. It is incredible that there are any parents today who are so lacking in the consideration of the welfare of their children that they do not ensure that they are protected against diseases which formerly caused death and disability and which are still capable of doing so, under certain circumstances. A practical result of such neglect was exemplified in the completely irrational behaviour of a small section of the public in a panic-inspired clamour for immediate vaccination against smallpox in the early part of the year following the outbreak of this dreaded disease in Bradford.

In conclusion, I wish to take this opportunity to express my gratitude to the Chairman and members of the Health Committee, and to all members of my loyal and efficient staff for their valuable support and the keen interest which they have taken in the general administration of the Department.

I have the honour to remain,  
Your obedient Servant,  
R. H. DAWSON,  
*Medical Officer of Health.*

## STATISTICAL AND SOCIAL CONDITIONS OF THE AREA.

### SOCIAL CONDITIONS.

Area 4,679 acres, plus 80 acres inland water, 150 acres  
foreshore and 185 acres half River Tyne

|                                                                                  |     |     |     |          |
|----------------------------------------------------------------------------------|-----|-----|-----|----------|
| Population Registrar General's 1961 Census                                       | ... | ... | ... | 70,112   |
| Population. Estimated Mid Year 1962 by Registrar General                         | ... |     |     | 71,390   |
| Population of Children under 15. Estimated Mid Year 1962 by<br>Registrar General | ... | ... | ... | 17,500   |
| Number of Private Families 1961 Census                                           | ... | ... | ... | 22,272   |
| Number of Private Families. 1962 Register of Electors                            | ... |     |     | 23,348   |
| Average number of persons per family. 1962 Register of Electors                  |     |     |     | 3.06     |
| Rateable Value, as at 31.3.62                                                    | ... | ... | ... | £89,3728 |
| Product of a penny rate 1961/62                                                  | ... | ... | ... | £3,794   |

### VITAL STATISTICS.

#### Marriages and Births.

|                                                 |     |     |     |     |       |
|-------------------------------------------------|-----|-----|-----|-----|-------|
| Number of Marriages                             | ... | ... | ... | ... | 543   |
| Total LIVE BIRTHS (Registrar General's figures) | ... | ... |     |     | 1,452 |

Compiled as follows :—

|              | <i>Males.</i> | <i>Females.</i> |
|--------------|---------------|-----------------|
| Legitimate   | 710           | 670             |
| Illegitimate | 41            | 31              |
|              | <hr/> 751     | <hr/> 701       |

|                           |     |     |     |     |      |
|---------------------------|-----|-----|-----|-----|------|
| Area Comparability factor | ... | ... | ... | ... | 0.95 |
|---------------------------|-----|-----|-----|-----|------|

The NETT TOTAL LIVE BIRTHS assignable to the Borough as above (1,452) gives an ANNUAL LIVE BIRTH RATE of 20.717 per 1,000 of the population.

Illegitimate live births per cent. of total live births ... 4.958%

The LIVE BIRTH RATE for England and Wales was 18.0 per 1,000 of the population.

STILLBIRTHS during the year totalled ... .. 27  
 Compiled as follows :—

|              |        | <i>Males.</i> | <i>Females.</i> |
|--------------|--------|---------------|-----------------|
| Legitimate   | ... .. | 17            | 10              |
| Illegitimate | ... .. | —             | —               |

The STILLBIRTH RATE for the Borough was 18.255 per 1,000 live and stillbirths.

The STILLBIRTH RATE per 1,000 of the total live and still births for England and Wales equalled 18.1.

Total live and stillbirths 1479.

### INFANT MORTALITY

|                                                                                                               |                       |        |
|---------------------------------------------------------------------------------------------------------------|-----------------------|--------|
| Infant Deaths                                                                                                 | ... ..                | 33     |
| Infant mortality rate per 1,000                                                                               |                       |        |
| live births                                                                                                   | ... ..                | 22.727 |
| do.                                                                                                           | do. England and Wales | 21.4   |
| Infant mortality rate per 1,000 live legitimate births                                                        | ... ..                | 21.73  |
| Infant mortality rate per 1,000 live illegitimate births                                                      | ... ..                | 41.66  |
| Neo natal mortality rate ( <i>first four weeks</i> ) per 1,000 related live births                            | ... ..                | 14.462 |
| Early neo natal mortality rate ( <i>first week</i> ) per 1,000 live births                                    | ... ..                | 8.95   |
| Perinatal mortality rate ( <i>stillbirths plus deaths during first week</i> ) per 1,000 live and still births | ... ..                | 32.454 |

### MATERNAL MORTALITY.

COMPARATIVE TABLE OF MATERNAL DEATHS FOR PAST 10 YEARS.

| Year. | Live Births. | Birth Rate. | TYNEMOUTH.             |                                                    | England and Wales Maternal Mortality per 1,000 live and stillbirths. |
|-------|--------------|-------------|------------------------|----------------------------------------------------|----------------------------------------------------------------------|
|       |              |             | No. of Maternal Deaths | Maternal Mortality per 1,000 live and stillbirths. |                                                                      |
| 1953  | 1,251        | 18.72       | 3                      | 2.34                                               | 0.76                                                                 |
| 1954  | 1,210        | 18.06       | 1                      | 0.80                                               | 0.69                                                                 |
| 1955  | 1,149        | 17.12       | 1                      | 0.85                                               | 0.63                                                                 |
| 1956  | 1,193        | 17.62       | 1                      | 0.83                                               | 0.56                                                                 |
| 1957  | 1,240        | 18.23       | 1                      | 0.78                                               | 0.47                                                                 |
| 1958  | 1,234        | 17.96       | 1                      | 0.78                                               | 0.43                                                                 |
| 1959  | 1,181        | 17.04       | 1                      | 0.82                                               | 0.38                                                                 |
| 1960  | 1,261        | 18.01       | 1                      | 0.78                                               | 0.39                                                                 |
| 1961  | 1,337        | 19.49       | 1                      | 0.73                                               | 0.33                                                                 |
| 1962  | 1,452        | 20.717      | 1                      | 0.67                                               | 0.35                                                                 |

**DEATHS—GENERAL.**

DEATHS assignable to the Borough during the year totalled ... 817

Compiled as follows :—

| <i>Males.</i> | <i>Females.</i> |
|---------------|-----------------|
| 458           | 359             |

Area Comparability factor ... 1.13

The DEATH RATE per 1,000 of the population for the Borough equalled 11.444.

The DEATH RATE per 1,000 of the population for England and Wales was 11.9.

**INSTITUTIONAL DEATHS.**

Deaths of persons belonging to the Borough which occurred in Hospitals, etc., were as follows :—

|                                          |       |
|------------------------------------------|-------|
| Preston Hospital ...                     | 172   |
| Tynemouth Victoria Jubilee Infirmary ... | 75    |
| Frater Maternity Home ...                | 1     |
| Moor Park Hospital ...                   | 15    |
| *The Oaks ...                            | 7     |
| *The Elms ...                            | 2     |
| *The Willows ...                         | 36    |
| Others ...                               | 4     |
| Institutions outside the Borough ...     | 76    |
|                                          | <hr/> |
|                                          | 388   |
|                                          | <hr/> |

47% of all deaths of residents of the Borough took place in Institutions.

\* This is National Assistance Act, 1948, Part III accommodation.

**Registrar-General's List of Causes of Death at different periods  
of life in the County Borough of Tynemouth during 1962.**

**MALES.**

| Short<br>List<br>No. | Causes of Death.                               | Under<br>1<br>Year. | 1<br>to<br>4 | 5<br>to<br>14 | 15<br>to<br>24 | 25<br>to<br>44 | 45<br>to<br>64 | 65<br>to<br>74 | 75<br>and<br>over | Total<br>all<br>Ages |
|----------------------|------------------------------------------------|---------------------|--------------|---------------|----------------|----------------|----------------|----------------|-------------------|----------------------|
| 1                    | Tuberculosis, respiratory ...                  | —                   | —            | —             | —              | —              | 7              | 1              | —                 | 8                    |
| 2                    | Tuberculosis, other ...                        | —                   | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 3                    | Syphilitic disease ...                         | —                   | —            | —             | —              | —              | 1              | —              | —                 | 1                    |
| 4                    | Diphtheria ...                                 | —                   | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 5                    | Whooping cough ...                             | —                   | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 6                    | Meningococcal infections ...                   | —                   | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 7                    | Acute poliomyelitis ...                        | —                   | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 8                    | Measles ...                                    | —                   | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 9                    | Other infective and parasitic diseases ...     | —                   | 1            | —             | —              | 1              | —              | —              | —                 | 2                    |
| 10                   | Malignant neoplasm, stomach...                 | —                   | —            | —             | —              | —              | 6              | 3              | 3                 | 12                   |
| 11                   | Malignant neoplasm, lung<br>bronchus ...       | —                   | —            | —             | —              | 1              | 15             | 15             | 4                 | 35                   |
| 12                   | Malignant neoplasm, breast ...                 | —                   | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 13                   | Malignant neoplasm, uterus ...                 | —                   | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 14                   | Other malignant and lymphatic<br>neoplasms ... | —                   | —            | —             | —              | 1              | 11             | 6              | 16                | 34                   |
| 15                   | Leukaemia, aleukaemia ...                      | —                   | —            | 1             | —              | —              | 1              | —              | —                 | 2                    |
| 16                   | Diabetes ...                                   | —                   | —            | —             | —              | —              | —              | —              | 2                 | 2                    |
| 17                   | Vascular lesions of nervous<br>system ...      | —                   | —            | —             | —              | 2              | 12             | 17             | 17                | 48                   |
| 18                   | Coronary disease, angina ...                   | —                   | —            | —             | —              | 5              | 45             | 42             | 25                | 117                  |
| 19                   | Hypertension with heart disease                | —                   | —            | —             | —              | —              | —              | 2              | 8                 | 10                   |
| 20                   | Other heart disease ...                        | —                   | —            | —             | —              | 2              | 4              | 13             | 19                | 38                   |
| 21                   | Other circulatory disease ...                  | —                   | —            | —             | —              | —              | 4              | 7              | 3                 | 14                   |
| 22                   | Influenza ...                                  | —                   | —            | —             | —              | —              | —              | —              | 2                 | 2                    |
| 23                   | Pneumonia ...                                  | 2                   | —            | —             | —              | —              | 1              | 5              | 7                 | 15                   |
| 24                   | Bronchitis ...                                 | 1                   | —            | —             | —              | —              | 17             | 18             | 10                | 46                   |
| 25                   | Other diseases of respiratory<br>system ...    | —                   | —            | —             | —              | —              | 3              | 1              | —                 | 4                    |
| 26                   | Ulcer of stomach and duodenum                  | 1                   | —            | —             | 1              | —              | 2              | —              | 2                 | 6                    |
| 27                   | Gastritis, enteritis and diarrhoea             | 2                   | —            | —             | —              | —              | —              | —              | —                 | 2                    |
| 28                   | Nephritis and nephrosis ...                    | —                   | —            | —             | —              | —              | 2              | 1              | —                 | 3                    |
| 29                   | Hyperplasia of prostate ...                    | —                   | —            | —             | —              | —              | —              | 1              | 1                 | 2                    |
| 30                   | Pregnancy, childbirth, abortion                | —                   | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 31                   | Congenital malformations ...                   | 2                   | —            | —             | —              | —              | —              | —              | —                 | 2                    |
| 32                   | Other defined and ill-defined<br>diseases ...  | 11                  | —            | —             | —              | 2              | 6              | 3              | 9                 | 31                   |
| 33                   | Motor vehicle accidents ...                    | —                   | —            | —             | 1              | —              | 4              | —              | —                 | 5                    |
| 34                   | All other accidents ...                        | 1                   | —            | —             | —              | 3              | 1              | 3              | 2                 | 10                   |
| 35                   | Suicide ...                                    | —                   | —            | —             | —              | 3              | 2              | —              | 2                 | 7                    |
| 36                   | Homicide and operations of war                 | —                   | —            | —             | —              | —              | —              | —              | —                 | —                    |
|                      | Totals ...                                     | 20                  | 1            | 1             | 2              | 20             | 144            | 138            | 132               | 458                  |

Deaths under one year of age :—

Legitimate male children ... 18.  
 Illegitimate male children ... 2.

**Registrar-General's List of Causes of Death at different periods  
of life in the County Borough of Tynemouth during 1962.**

**FEMALES.**

| Short<br>List<br>No. | Causes of Death.                                | Under<br>1<br>Year | 1<br>to<br>4 | 5<br>to<br>14 | 15<br>to<br>24 | 25<br>to<br>44 | 45<br>to<br>64 | 65<br>to<br>74 | 75<br>and<br>over | Total<br>all<br>Ages |
|----------------------|-------------------------------------------------|--------------------|--------------|---------------|----------------|----------------|----------------|----------------|-------------------|----------------------|
| 1                    | Tuberculosis, respiratory ...                   | —                  | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 2                    | Tuberculosis, other ...                         | —                  | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 3                    | Syphilitic disease ...                          | —                  | —            | —             | —              | 1              | —              | —              | —                 | 1                    |
| 4                    | Diphtheria ...                                  | —                  | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 5                    | Whooping cough ...                              | —                  | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 6                    | Meningococcal infections ...                    | —                  | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 7                    | Acute poliomyelitis ...                         | —                  | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 8                    | Measles ...                                     | —                  | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 9                    | Other infective and parasitic<br>disease ...    | —                  | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 10                   | Malignant neoplasm, stomach...                  | —                  | —            | —             | —              | —              | 1              | 4              | 1                 | 6                    |
| 11                   | Malignant neoplasm, lung,<br>bronchus ...       | —                  | —            | —             | —              | —              | 2              | 2              | 3                 | 7                    |
| 12                   | Malignant neoplasm, breast ...                  | —                  | —            | —             | —              | —              | 2              | —              | 3                 | 5                    |
| 13                   | Malignant neoplasm, uterus ...                  | —                  | —            | —             | —              | —              | 2              | 1              | 1                 | 4                    |
| 14                   | Other malignant and lymphatic<br>neoplasms ...  | —                  | —            | —             | —              | 2              | 6              | 11             | 10                | 29                   |
| 15                   | Leukaemia, aleukaemia ...                       | —                  | —            | —             | —              | —              | 1              | 1              | —                 | 2                    |
| 16                   | Diabetes ...                                    | —                  | —            | —             | —              | —              | 1              | 1              | 2                 | 4                    |
| 17                   | Vascular lesions of nervous<br>system ...       | —                  | —            | —             | —              | 4              | 7              | 19             | 34                | 64                   |
| 18                   | Coronary disease, angina ...                    | —                  | —            | —             | —              | —              | 9              | 19             | 35                | 63                   |
| 19                   | Hypertension with heart<br>disease ...          | —                  | —            | —             | —              | —              | —              | 2              | 7                 | 9                    |
| 20                   | Other heart disease ...                         | —                  | —            | —             | —              | —              | 4              | 8              | 50                | 62                   |
| 21                   | Other circulatory disease ...                   | —                  | —            | —             | —              | —              | 4              | 2              | 5                 | 11                   |
| 22                   | Influenza ...                                   | 1                  | —            | —             | —              | —              | —              | 1              | 1                 | 3                    |
| 23                   | Pneumonia ...                                   | 2                  | —            | —             | —              | 1              | —              | 3              | 10                | 16                   |
| 24                   | Bronchitis ...                                  | —                  | —            | —             | —              | 1              | —              | 2              | 9                 | 12                   |
| 25                   | Other diseases of respiratory<br>system ...     | —                  | —            | —             | —              | —              | 2              | —              | 1                 | 3                    |
| 26                   | Ulcer of stomach and duodenum ...               | —                  | —            | —             | —              | —              | —              | 1              | 2                 | 3                    |
| 27                   | Gastritis, enteritis and diarrhoea ...          | 2                  | —            | —             | —              | —              | —              | 1              | —                 | 3                    |
| 28                   | Nephritis and nephrosis ...                     | —                  | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 29                   | Hyperplasia of prostate ...                     | —                  | —            | —             | —              | —              | —              | —              | —                 | —                    |
| 30                   | Pregnancy, childbirth, abortion ...             | —                  | —            | —             | —              | 1              | —              | —              | —                 | 1                    |
| 31                   | Congenital malformations ...                    | 1                  | 1            | —             | —              | —              | —              | —              | —                 | 2                    |
| 32                   | Other defined and ill - defined<br>diseases ... | 6                  | 1            | —             | —              | 2              | 3              | 3              | 15                | 30                   |
| 33                   | Motor vehicle accidents ...                     | —                  | —            | —             | —              | —              | —              | 1              | —                 | 1                    |
| 34                   | All other accidents ...                         | 1                  | —            | —             | —              | 2              | 2              | —              | 11                | 16                   |
| 35                   | Suicide ...                                     | —                  | —            | —             | —              | —              | —              | —              | 2                 | 2                    |
| 36                   | Homicide and operations of war ...              | —                  | —            | —             | —              | —              | —              | —              | —                 | —                    |
|                      | Totals ...                                      | 13                 | 2            | —             | —              | 14             | 46             | 82             | 202               | 359                  |

**Deaths under one year of age :—**

Legitimate female children ... 12  
 Illegitimate female children ... 1

**PRINCIPAL CAUSES OF DEATH.**

|                                                                | No. of<br>Deaths. | Proportion of Deaths<br>per 1,000 Deaths<br>from all causes. |
|----------------------------------------------------------------|-------------------|--------------------------------------------------------------|
| <b>Total All Causes</b> ... ..                                 | 817               |                                                              |
| <b>Cardio-Vascular Diseases</b> ...                            | 324               | 396                                                          |
| <b>Vascular Lesions of Nervous System</b>                      | 112               | 137                                                          |
| <b>Respiratory Diseases</b> ... ..<br>(excluding Tuberculosis) | 86                | 111                                                          |

**Cancer Deaths and Death Rates (all forms including Leukæmia)**

|                                                                          | 1948 | 1949 | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 |
|--------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Deaths ...                                                               | 124  | 99   | 128  | 104  | 139  | 144  | 147  | 145  | 150  | 157  | 157  | 160  | 146  | 159  | 136  |
| Death Rate<br>per 1,000<br>living ...                                    | 1.87 | 1.48 | 1.93 | 1.57 | 2.07 | 2.15 | 2.19 | 2.16 | 2.21 | 2.3  | 2.28 | 2.32 | 2.08 | 2.27 | 1.90 |
| Proportion<br>of deaths<br>per 1,000<br>deaths<br>from all<br>causes ... | 155  | 130  | 147  | 126  | 179  | 186  | 185  | 167  | 187  | 195  | 188  | 209  | 181  | 193  | 166  |

# BIRTHS AND BIRTH RATES, DEATHS AND DEATH RATES, IN WARDS.

•BIRTHS.

••DEATHS.

| Ward. | Ward popln.     | R E S I D E N T S |                       |             |               |             |       |     |                                                                     | T O T A L<br>N O N - R E S I D E N T<br>B I R T H S. |      |        | N o . o f D e a t h s . |                        | Death rates<br>per 1,000 of<br>Ward poplns. |
|-------|-----------------|-------------------|-----------------------|-------------|---------------|-------------|-------|-----|---------------------------------------------------------------------|------------------------------------------------------|------|--------|-------------------------|------------------------|---------------------------------------------|
|       |                 | Still<br>births   | L i v e B i r t h s . |             |               |             |       |     | L i v e<br>B i r t h<br>r a t e p e r<br>1,000 of<br>Ward<br>popln. | M.                                                   | F.   | Still. | Resi-<br>dents.         | Non-<br>Resi-<br>dents |                                             |
|       |                 |                   | M a l e .             |             | F e m a l e . |             |       |     |                                                                     |                                                      |      |        |                         |                        |                                             |
|       |                 |                   | Legmt.                | I l l e g . | Legmt.        | I l l e g . |       |     |                                                                     |                                                      |      |        |                         |                        |                                             |
|       |                 |                   |                       |             |               |             |       |     |                                                                     |                                                      |      |        |                         |                        |                                             |
| 1     | CHIRTON ...     | 7                 | 76                    | 2           | 61            | 1           | 18.72 | 3   | —                                                                   | 86                                                   | —    | —      | 11.5                    |                        |                                             |
| 2     | COLLINGWOOD     | 7                 | 104                   | 2           | 127           | 4           | 19.14 | —   | —                                                                   | 114                                                  | 31   | 9.2    |                         |                        |                                             |
| 3     | CULLERCOATS ... | 1                 | 86                    | —           | 96            | 1           | 18.94 | —   | —                                                                   | 101                                                  | 1    | 10.4   |                         |                        |                                             |
| 4     | DOCKWRAY ...    | 2                 | 64                    | 1           | 53            | 2           | 22.41 | —   | —                                                                   | 69                                                   | 1    | 12.9   |                         |                        |                                             |
| 5     | LINSKILL ...    | —                 | 69                    | 3           | 53            | —           | 22.61 | 386 | 391                                                                 | 76                                                   | 390† | 13.2   |                         |                        |                                             |
| 6     | PERCY ...       | 6                 | 105                   | 8           | 99            | 5           | 25.86 | —   | —                                                                   | 103                                                  | 2    | 12.7   |                         |                        |                                             |
| 7     | PRESTON ...     | —                 | 53                    | 1           | 45            | 1           | 15.91 | 93  | 85                                                                  | 80                                                   | 88‡  | 12.7   |                         |                        |                                             |
| 8     | TRINITY ...     | 2                 | 87                    | 3           | 88            | 2           | 26.19 | —   | —                                                                   | 76                                                   | —    | 11.0   |                         |                        |                                             |
| 9     | TYNEMOUTH ...   | 2                 | 81                    | 1           | 72            | 2           | 16.45 | —   | —                                                                   | 112                                                  | 2    | 11.8   |                         |                        |                                             |

\* As per notification register, adjusted by transfers.  
 \*\* As per local registrar's weekly returns, adjusted by transfers.  
 † Consists mainly of deaths in Preston Hospital.  
 ‡ Consists mainly of deaths in Tynemouth Victoria Jubilee Infirmary.

The following is a table of Statistics relating to the Borough since its incorporation in 1849, illustrating the increase in population and decrease in both birth and death rates.

| Year. | Population. | Nett Deaths. | Death Rate per 1,000 of Population. | Nett Births. | Live Birth Rates per 1,000 of Population. |
|-------|-------------|--------------|-------------------------------------|--------------|-------------------------------------------|
| 1849  | 28,448      | —            | —                                   | —            | —                                         |
| 1871  | 38,941      | —            | —                                   | —            | —                                         |
| 1873  | 39,923      | 929          | 23.3                                | 1,557        | 39.0                                      |
| 1874  | 40,424      | 1,075        | 26.6                                | 1,542        | 38.1                                      |
| 1875  | 40,932      | 963          | 23.5                                | 1,607        | 39.2                                      |
| 1880  | 43,533      | 928          | 21.3                                | 1,521        | 34.9                                      |
| 1890  | 46,403      | 973          | 20.9                                | 1,533        | 33.0                                      |
| 1900  | 51,038      | 1,074        | 21.0                                | 1,649        | 32.3                                      |
| 1910  | 58,223      | 971          | 16.6                                | 1,788        | 30.7                                      |
| 1920  | 60,541      | 956          | 15.8                                | 1,947        | 32.1                                      |
| 1930  | 65,880      | 787          | 11.94                               | 1,280        | 19.41                                     |
| 1931  | 64,720      | 814          | 12.57                               | 1,276        | 19.71                                     |
| 1932  | 65,630      | 748          | 11.41                               | 1,238        | 18.86                                     |
| 1933  | 65,770      | 873          | 13.27                               | 1,135        | 17.25                                     |
| 1934  | 65,950      | 840          | 12.73                               | 1,172        | 17.77                                     |
| 1935  | 67,350      | 824          | 12.23                               | 1,201        | 17.38                                     |
| 1936  | 66,800      | 773          | 11.57                               | 1,209        | 18.1                                      |
| 1937  | 66,880      | 858          | 12.83                               | 1,087        | 16.25                                     |
| 1938  | 66,510      | 797          | 11.98                               | 1,104        | 16.6                                      |
| 1939  | 65,220      | 792          | 12.14                               | 1,119        | 16.7                                      |
| 1940  | 59,730      | 840          | 14.06                               | 1,060        | 17.74                                     |
| 1941  | 56,240      | 1,066        | 18.95                               | 897          | 15.95                                     |
| 1942  | 53,500      | 787          | 14.71                               | 908          | 16.97                                     |
| 1943  | 52,370      | 780          | 14.89                               | 1,019        | 19.45                                     |
| 1944  | 57,100      | 816          | 14.29                               | 1,252        | 21.90                                     |
| 1945  | 58,760      | 797          | 13.56                               | 1,144        | 19.47                                     |
| 1946  | 63,690      | 796          | 12.47                               | 1,358        | 21.32                                     |
| 1947  | 65,070      | 772          | 11.86                               | 1,433        | 22.02                                     |
| 1948  | 66,050      | 800          | 12.11                               | 1,291        | 19.54                                     |
| 1949  | 66,480      | 762          | 11.46                               | 1,311        | 19.72                                     |
| 1950  | 66,270      | 871          | 13.14                               | 1,174        | 17.71                                     |
| 1951  | 66,300      | 825          | 12.44                               | 1,228        | 18.52                                     |
| 1952  | 66,900      | 774          | 11.56                               | 1,222        | 18.26                                     |
| 1953  | 66,800      | 771          | 11.54                               | 1,251        | 18.72                                     |
| 1954  | 67,000      | 793          | 11.84                               | 1,210        | 18.06                                     |
| 1955  | 67,100      | 865          | 12.89                               | 1,149        | 17.12                                     |
| 1956  | 67,700      | 802          | 11.84                               | 1,193        | 17.62                                     |
| 1957  | 68,000      | 805          | 11.84                               | 1,240        | 18.23                                     |
| 1958  | 68,700      | 832          | 12.11                               | 1,234        | 17.96                                     |
| 1959  | 69,300      | 763          | 11.01                               | 1,181        | 17.04                                     |
| 1960  | 70,010      | 803          | 11.47                               | 1,261        | 18.01                                     |
| 1961  | 70,080      | 823          | 11.74                               | 1,337        | 19.49                                     |
| 1962  | 71,390      | 817          | 11.44                               | 1,452        | 20.71                                     |

More detailed statistics covering the period prior to 1930 appear in reports published immediately before 1962.

**SEPARATE OCCUPIERS.**

During 1962, lists of Separate Occupiers were compiled from information obtained from the Electors' Register, and set out below are details shown in Wards.

| <i>Ward.</i> | <i>Number of Separate<br/>Occupiers.</i> |     |     |        |
|--------------|------------------------------------------|-----|-----|--------|
| Chirton      | ...                                      | ... | ... | 2,446  |
| Collingwood  | ...                                      | ... | ... | 4,051  |
| Cullercoats  | ...                                      | ... | ... | 3,159  |
| Dockwray     | ...                                      | ... | ... | 1,741  |
| Linskill     | ...                                      | ... | ... | 1,804  |
| Percy        | ...                                      | ... | ... | 2,743  |
| Preston      | ...                                      | ... | ... | 2,056  |
| Trinity      | ...                                      | ... | ... | 2,248  |
| Tynemouth    | ...                                      | ... | ... | 3,100  |
| Total        |                                          |     |     | 23,348 |

Based on the Registrar-General's estimated population for the year 1962, *i.e.* 71,390, the local average of persons per family equalled 3.06.

## NURSERIES AND CHILD MINDERS (REGULATION) ACT, 1948.

There were no new applications for registration received during the year and, therefore, the total number of persons on the register remains at two.

### BLIND PERSONS.

The number of persons on the register of the Welfare Department at the end of the year were 153 blind and 51 partially sighted. An analysis of cases examined during the year for the purpose of registration is contained in the following tables.

| No. of Forms B.D.8 received during year | Certified Blind | Certified Partially Sighted | Neither Blind nor Partially Sighted | Cases of Retrolental Fibroplasia in Premature Infants | No. Blinded by Glaucoma where treatment not given prior to certification |
|-----------------------------------------|-----------------|-----------------------------|-------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------|
| 57                                      | 24              | 16                          | 17                                  | Nil                                                   | Nil                                                                      |

### Follow-up of Registered Blind and Partially Sighted Persons.

| (i) Number of cases registered during the year in respect of which para. 7(c) of Forms B.D.8 recommends :— | CAUSE OF DISABILITY |          |                         |        |
|------------------------------------------------------------------------------------------------------------|---------------------|----------|-------------------------|--------|
|                                                                                                            | Cataract            | Glaucoma | Retrolental Fibroplasia | Others |
| (a) No treatment ...                                                                                       | 2                   | 2        | Nil                     | 15     |
| (b) Treatment (medical, surgical or optical) ...                                                           | 12                  | 4        | Nil                     | 5      |
| (ii) Number of cases at (i)(b) above which on follow-up action have received treatment ... ..              | 5                   | 4        | Nil                     | 3      |





The friendly chiroprapist.

## **ELDERLY AND INFIRM PERSONS**

One order for the compulsory removal of an aged person to an institution was sought under the National Assistance Act, 1948.

The order related to an old lady who was infirm and incapacitated and who was admitted to The Willows on 18.4.62. She was transferred to Preston Hospital on 3.7.62 and died on 27.7.62.

## **LABORATORY FACILITIES**

Bacteriological specimens are examined by the Public Health Laboratory Service, which is directed by the Medical Research Council for the Ministry of Health at the Public Health Laboratory, Newcastle General Hospital, Westgate Road, Newcastle upon Tyne, 4.

## **STAFF MEDICAL EXAMINATIONS, ETC.**

Considerable attention has been given during the year by the Medical Staff to the examination of staff personnel, for various reasons. 75 persons were examined for superannuation purposes, 27 because they had attained the normal age of retirement, and 45 students about to enter the teaching profession. In addition 10 investigations were made with general practitioners in connection with staff sickness problems.

## **CHIROPODY SERVICE**

Mention was made in the 1961 report that the establishment of a chiropody service to cater for the needs of the elderly and infirm, physically handicapped persons and expectant mothers, was anticipated early in 1962.

We were fortunate to secure the services of Mrs. Ruby Barnett, M.Ch.S., and our first session was held on 10th April, 1962. Throughout the year two afternoon sessions per week were in operation.

Accommodation was allocated in the new Public Health Department building and equipment to the value of £105 was purchased.

The service became an immediate success and it was evident that its scope would need to be extended in the near future.

A charge of 6d. per treatment is levied on elderly ambulant person, 2/6d. on expectant mothers, but physically handicapped persons are treated free.

A system of appointments was introduced, and attendance, particularly amongst the elderly was most enthusiastic.

From the commencement of the service to the end of the year, 68 clinic sessions were held involving 515 attendances by the elderly, 26 by physically handicapped persons, 1 by an expectant mother, and 18 "others".

Transport was provided to enable the chiropodist to make 101 domiciliary visits during 20 domiciliary sessions.

## **CHILD GUIDANCE**

Problems of emotional and behaviour difficulty in children presented to members of the medical and nursing staff, are readily referable to the Consultant Psychiatrist, who, by arrangement with the Regional Hospital Board, visits the Department at least once a month, and whose advice is available in urgent cases at more frequent intervals.

No ad hoc child guidance unit has yet been established in the Borough, appropriate cases being referred to "Tiverlands" at Newcastle General Hospital.

## **CHILD WELFARE CENTRES.**

Three sessions are held weekly at the Central Clinic at the Public Health Department and one weekly session at each of three subsidiary clinics, sited at widely separate points of the Borough at Meadowell School, Ridges Estate ; St. Aidan's Church Hall, New York, and at John Street School, Cullercoats.

Fortnightly sessions are held at the new Community Welfare Centre at Marden Estate, making a monthly total, at all Centres, of 26.

114 children under one year of age attended these clinics for the first time during the year, and altogether a total of 2,138 children under five years of age made 11,415 attendances.

## **Tynemouth Moral Welfare Association.**

Cases investigated 72. Cases placed in homes 18. 827 visits were paid and received.

## **HEALTH EDUCATION**

Use has been made of facilities provided through the agency of the Central Council for Health Education for the dissemination of information designed to promote better health in the community. This has been propagated by the exhibition and distribution of material such as posters and leaflets.

Since the Department was transferred to the new administrative and clinic service premises in Albion Road, North Shields, in which facilities for the exhibition of health education propaganda material in the form of cinematograph films and film strip projection are available, progressively increasing use has been made of these visual media.

The new accommodation has rendered it possible to establish mothercraft classes both for young married women and schoolgirls.

A specific effort was again made during the year to impress upon the older groups of school children, the dangers which arise from the formation of the habit of tobacco smoking.

The methods of education, to which reference has been made, in no way supplant what appears to be the most effective means of influencing members of the public in matters of hygiene, namely, individual and group talks given by Health Visitors.

**CARE OF PREMATURE INFANTS.**—*i.e.* babies weighing  $5\frac{1}{2}$  lbs. or less at birth, irrespective of period of gestation.

Number of premature live born infants notified during the year (including transferred notifications) whose mothers normally reside in Tynemouth area :—

|       |                              |     |     |     |     |     |     |
|-------|------------------------------|-----|-----|-----|-----|-----|-----|
| (i)   | Born in hospital             | ... | ... | ... | ... | ... | 97  |
| (ii)  | Born at home                 | ... | ... | ... | ... | ... | 11  |
| (iii) | Born in private nursing home | ... | ... | ... | ... | ... | Nil |

Out of these 108 cases of prematurity, 9 died within 24 hours, 7 survived 24 hours but died within 28 days, and 92 were still surviving after 28 days. 11 premature stillbirths occurred in hospital and two at home.

### **NURSERY SCHOOLS.**

There are two Nursery Schools administered by voluntary organisations in the Borough. Both schools have places for 80 children.

**REPORT BY R. W. ESSENHIGH, PRINCIPAL SCHOOL DENTAL OFFICER, ON THE DENTAL TREATMENT PROVIDED FOR EXPECTANT AND NURSING MOTHERS AND YOUNG CHILDREN DURING 1962.**

The treatment of expectant and nursing mothers and pre-school children was continued during the year at the Dental Clinics in the Public Health Department.

Dental examinations were made of 27 expectant and nursing mothers and of this number 24 were found to require treatment, all accepted this service.

Of the 160 pre-school children who were examined, 128 were found to require dental treatment.

The total number of attendances for treatment at the Clinics was 475.

In those cases where a general anaesthetic was required for the extraction of decayed teeth this was undertaken by the Dental Anaesthetist, Dr. J. R. Steadman. During the year a total of 70 anaesthetics were administered.

Artificial dentures were also supplied to 8 mothers.

The work in co-operation with the Medical Department continued as before in all branches and where dental deficiencies were noted by the Medical and Nursing Staffs, these patients received the necessary calcium treatment at the Dental Clinics. A continued improvement was again noted in the general and dental health of all those treated.

Thanks are again due to all who assisted by their interest and for their help given to the Dental Department during the year.

**WELFARE FOODS.**

Proprietary brands of dried milk and other foods are sold during the various Maternity and Child Welfare sessions. During the year a total of 15,636 lbs. of dried milk was distributed, as against 12,180 lbs. during the previous year.

During the year, the following quantities were issued :—

|                       |     |     |     |        |          |
|-----------------------|-----|-----|-----|--------|----------|
| National Dried Milk   | ... | ... | ... | 3,4766 | tins.    |
| Cod Liver Oil         | ... | ... | ... | 1,865  | bottles. |
| Vitamin A & D Tablets | ... | ... | ... | 1,705  | packets. |
| Orange Juice          | ... | ... | ... | 13,073 | bottles. |

Possibly as the outcome of the imposition, in May 1961, of charges for Cod Liver Oil and Vitamin Tablets, and an increase in the cost of Orange Juice, 1962 saw a considerable reduction in the distribution of these commodities. The following reductions are reported :

|                          |     |     |     |     |
|--------------------------|-----|-----|-----|-----|
| Cod liver oil, bottles   | ... | ... | ... | 48% |
| Vitamin tablets, packets | ... | ... | ... | 46% |
| Orange juice, bottles    | ... | ... | ... | 28% |

The 'take up' of National Dried Milk, however, increased by 14% over 1961.

## MIDWIFERY

### ANTE-NATAL AND POST-NATAL CLINICS.

Eight ante-natal sessions, with a Medical Officer in attendance, are held monthly. A total of 1,054 attendances were recorded during 1962.

Midwives conducted four "booking" sessions each month, and there were 429 attendances thereat.

One post-natal clinic is held each month, and 28 women made single attendances.

### MEDICAL AID UNDER SECTION 14 (1) OF THE MIDWIVES' ACT, 1951.

Number of cases in which medical aid was summoned during the year under Section 14 (1) of the Midwives' Act, 1951, by a Midwife :—

|                                                                                                                                           |     |     |     |     |     |     |      |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|------|
| (a) For Domiciliary cases :—                                                                                                              |     |     |     |     |     |     |      |
| (i) Where the Medical Practitioner had arranged to provide the patient with maternity medical services under the National Health Service. |     |     |     |     |     |     |      |
|                                                                                                                                           |     |     |     | ... | ... |     | 3    |
| (ii) Others.                                                                                                                              |     |     |     |     |     |     |      |
|                                                                                                                                           | ... | ... | ... | ... | ... | ... | 20   |
| (b) For cases in Institutions                                                                                                             |     |     |     |     |     |     |      |
|                                                                                                                                           |     |     |     | ... | ... | ... | Nil. |

### MATERNITY OUTFITS.

363 Sterilised Maternity Packs were issued free of charge to expectant mothers.

### ANALGESIA.

There are 8 sets of apparatus for the administration of inhalational analgesics, and during the year Municipal midwives administered Trilene to 253 cases.

### MATERNITY CASES ATTENDED.

The work of the domiciliary midwives shows yet another decrease in the number of cases attended at home, 341 in 1961 as against 326 in 1962.

Cases attended by midwives acting as such totalled 77 and 249 by midwives acting as maternity nurses.

Midwives employed in institutions within the Borough area, dealt with 1,341 cases, which figure includes 694 non-residents.

The reduction in the numbers of home confinements, attended by municipal midwives, is more than offset by the number of occasions on which it is now necessary to 'follow up' early hospital discharges. In 1962, district midwives attended 759 such cases, as against 439 in 1961.

## **RELAXATION AND MOTHERCRAFT CLASSES**

During the year these classes have continued with mounting success, under the joint supervision of health visitors and midwives. The classes are now held on two evenings per week. Before commencing the second evening session in April an afternoon session was held for a trial period. This time of day, however, proved unpopular and the experiment ceased. The serving of refreshments adds to the general atmosphere of happy co-operation of all concerned. The classes are arranged in sessions, seven classes comprising one session.

During the year 84 classes were held, involving 1,412 attendances.

## **NOTIFICATION OF BIRTHS.**

A total of 2,156 births including non-residents was notified during the year (2,100 live and 56 stillbirths).

Three births were not notified, but immediately on the requirements of the Public Health Act, 1936, being brought to the notice of the persons concerned, these were officially intimated.

## **HEALTH VISITING**

During the year Health Visitors visited 6,345 children under 5, paying 5,803 visits to children under 1; 2,981 to children between 1 and 2, and 8,179 visits to children between 2 and 5.

Expectant mothers received 59 visits and 665 visits were paid to miscellaneous other cases, such as aged persons, and cases of infectious diseases.

In addition 5,319 ineffective visits were made.

Whilst careful consideration has been given to advantages which might accrue from the attachment of members of the health visiting Staff to specific medical practices, it is considered that, in this area, the distribution of practices renders any such scheme virtually impracticable. The present arrangement which assures that the services of a Health Visitor is readily available in a supervisory and advisory capacity for the patient of any General Medical Practitioner who requests them, appears to meet any need in this direction, adequately.

Similar facilities are readily available for cases discharged from hospital and on this aspect of after-care a very close liaison with the hospital almoning staff is maintained.

## **HOME NURSING**

The Service is staffed by nine whole-time district nurses (eight state registered and one enrolled assistant), and one part time enrolled assistant nurse working solely on geriatrics. All are under the direct control of the Superintendent Nursing Officer.

All requests for the services of a district nurse must be supported by a certificate from the medical practitioner in attendance on the patient.

During the year, the district nurses paid 19,386 visits to 828 patients. Table I sets out the categories into which these patients fell, together with the number of visits paid in respect of each group. Table II provides a detailed analysis of the type of nursing care required.

Included in the visits mentioned above are 504 paid by 12 patients to a special treatment clinic, for injections only. This clinic is for the benefit of ambulant patients who are working.

TABLE I.

|        | Medical | Surgical | Infect-<br>ious<br>Diseases | Tuber-<br>culosis | Maternal<br>Compli-<br>cations | Others | Total  |
|--------|---------|----------|-----------------------------|-------------------|--------------------------------|--------|--------|
| Cases  | 564     | 228      | —                           | 23                | 1                              | 12     | 828    |
| Visits | 13,047  | 4,681    | —                           | 1,145             | 6                              | 507    | 19,386 |

TABLE II.

| Type of Case                             | Children | Adults | Total |
|------------------------------------------|----------|--------|-------|
| Injections ... ..                        | —        | 171    | 171   |
| Post Operative Dressings ... ..          | 2        | 129    | 131   |
| Gynaecological and Obstetrical Cases ... | —        | 38     | 38    |
| Chronic Sick Nursing ... ..              | —        | 312    | 312   |
| Cancer ... ..                            | —        | 86     | 86    |
| Others ... ..                            | 6        | 84     | 90    |
| TOTALS... ..                             | 8        | 820    | 828   |

Various items of loan equipment are available and considerable use of this service has been made by patients.

Article available on loan. No. of occasions issued during the year.

|                          |     |     |    |
|--------------------------|-----|-----|----|
| Rubber air ring          | ... | ... | 43 |
| Back rest                | ... | ... | 36 |
| Bed cradle               | ... | ... | 12 |
| Invalid chair            | ... | ... | 43 |
| Mackintosh sheet         | ... | ... | 81 |
| Bed pan                  | ... | ... | 94 |
| Spinal carriage          | ... | ... | 2  |
| Urinal                   | ... | ... | 43 |
| Walking Aid              | ... | ... | 13 |
| Commode                  | ... | ... | 53 |
| Bed table                | ... | ... | 1  |
| Hoist and sling          | ... | ... | 1  |
| Air bed                  | ... | ... | 6  |
| Crutches, ordinary pairs | ... | ... | 4  |
| Walking Sticks           | ... | ... | —  |
| Arm Slings               | ... | ... | —  |
| Crutches, elbow pairs    | ... | ... | 4  |
| Pole, chain and stand    | ... | ... | 4  |

## VACCINATION AND IMMUNISATION

### Smallpox

Efforts to have infants vaccinated by family doctors and at the Child Welfare Centres are still being continued by direct approach to parents by health visitors and by postal reminders, but the response is still very poor.

However, as a direct result of the outbreak of smallpox in the southern part of the country in February 1962, organised vaccinating sessions were held at local hospitals to vaccinate those persons at special risk and this resulted in an additional 769 vaccinations. Amongst this number, two cases of generalised vaccinia occurred.

| NUMBER OF PERSONS VACCINATED (or re-vaccinated) DURING 1962 |         |    |        |         |            |       |  |
|-------------------------------------------------------------|---------|----|--------|---------|------------|-------|--|
| Age at date of Vaccination ...                              | Under 1 | 1  | 2 to 4 | 5 to 14 | 15 or over | Total |  |
| Number Vaccinated ...                                       | 344     | 78 | 96     | 278     | 735        | 1,531 |  |
| Number re-vaccinated ...                                    | 1       | —  | 14     | 87      | 1,015      | 1,117 |  |

### Diphtheria

Facilities are available for Diphtheria Immunisation at the Schools and at the various Child Welfare Centres.

During the year 67 schoolchildren and 969 pre-school children completed a course of injections. In addition 643 children received re-inforcing doses.

### Diphtheria Immunisation

| Number of children who, in 1962,                       | Born in years |      |      |      |      |           |           | Total |
|--------------------------------------------------------|---------------|------|------|------|------|-----------|-----------|-------|
|                                                        | 1962          | 1961 | 1960 | 1959 | 1958 | 1953-1957 | 1948-1952 |       |
| completed a full course of primary immunisation ... .. | 364           | 511  | 36   | 21   | 22   | 96        | 2         | 1,052 |
| received a re-inforcing injection ...                  | —             | —    | 2    | 4    | 101  | 533       | 3         | 643   |

It is estimated that at 31st December, 1962, 75.33% of the child population (*i.e.*, children under 15 years of age) had been immunised.

### Poliomyelitis

Poliomyelitis vaccination of the eligible age groups continued throughout the year. Clinic sessions were held at the Child Welfare Centres as and when required.

171 clinic sessions were held during the year.

#### Number of persons vaccinated

| Persons born in the years | INJECTIONS |       |       |       |
|---------------------------|------------|-------|-------|-------|
|                           | 1st        | 2nd   | 3rd   | 4th   |
| 1962                      | 196        | 133   | 98    | Nil   |
| 1961                      | 604        | 610   | 674   | Nil   |
| 1943/1960                 | 805        | 735   | 1,693 | 2,886 |
| 1933/1942                 | 331        | 309   | 707   | 1     |
| Others                    | 620        | 594   | 1,367 | 1     |
| TOTALS                    | 2,556      | 2381, | 4,539 | 2,888 |

Record cards were received from general medical practitioners relating to 164 persons who received the first and second injections, 645 persons who received the third injection and 162 who received the fourth at their various surgeries.

### Whooping Cough

Immunisation against whooping cough in combination with diphtheria is available, and during 1962 the following children received injections :—

| AGE AT DATE OF FINAL INJECTION |            |
|--------------------------------|------------|
| 0—4 years                      | 5—14 years |
| 843                            | 7          |

### AMBULANCE SERVICE

The Ambulance Service, consisting of 4 ambulances and 4 dual purpose light ambulances, is operated concurrently with the Fire Service, an additional establishment of 16 firemen having been authorised for the provision of drivers and attendants.

During the year the ambulances carried 10,663 patients a distance of 44,571 miles. The light ambulances carried 13,117 patients over a total of 71,764 miles.

Towards the end of the year the Health Committee passed a resolution to the effect that the ambulance service should be separated from the fire service, as soon as possible, on the grounds that it would bring the ambulance service under the direct control of the Health Committee. After much discussion, in which the financial aspect of the problem bore its usual weight it was resolved that the services remain jointly operated, under the direction of the Fire Brigade Committee, through its Chief Fire Officer and other fire service personnel.

### PREVENTION OF ILLNESS, CARE AND AFTER CARE TUBERCULOSIS.

#### Chest Clinic.

The clinic which serves the population of this Borough is located at Preston Hospital. The medical staff consists of 2 Chest Physicians.

Regular sessions for the examination of cases referred by general practitioners, or as a result of mass miniature radiography, the review of old cases, the examination of contacts, etc., are held and arrangements are also made for B.C.G. vaccination.

The clinic not only serves the County Borough of Tynemouth, but also the Borough of Whitley Bay and Seaton Valley U.D.

#### Contacts.

During the year under review 7 new contacts were examined and X-rayed, and a further 149 individuals in this category were X-rayed only. Old contacts who were X-rayed and examined numbered 7. A further 154 of this class were X-rayed only.

Of the contacts examined, 3 were found to be suffering from tuberculosis.

As in previous years B.C.G. Vaccination of contacts attending the chest clinic was restricted to child contacts who were tuberculin negative reactors, and to members of staffs of local hospitals. The figures were—Children of school age, 39 ; Children of pre-school age, 73 ; Hospital Staffs, 38.

#### **B.C.G. Vaccination—School Children.**

Protection against Tuberculosis was again offered to all school children in the thirteen year old age group.

During the year under review, 435 children were skin tested, and all the children with a negative reaction were vaccinated.

The following table shows the comparative figures for the last five years.

| Year | Total skin tested | Positive Reaction | Negative Reaction | % requiring B.C.G. Protection |
|------|-------------------|-------------------|-------------------|-------------------------------|
| 1958 | 70                | 13                | 57                | 81.43                         |
| 1959 | 562               | 64                | 498               | 88.61                         |
| 1960 | 506               | 51                | 455               | 89.92                         |
| 1961 | 464               | 17                | 447               | 96.33                         |
| 1962 | 435               | 33                | 402               | 92.41                         |

#### **Domiciliary Visiting.**

During the year the Health Visitors paid 389 visits to the homes of individuals suffering from tuberculosis.

#### **Rehousing.**

The tenancies of five per cent. of the houses built by the Local Authority are allocated to families, some member of which suffers from active pulmonary tuberculosis. The number of families rehoused in 1962 under this scheme was 8.

#### **After-care.**

The voluntary County Borough of Tynemouth Tuberculosis After-care Committee continued to carry out very good work during the year, the volume of work having increased since the Committee extended its scope to cover other chest ailments, apart from tuberculosis.

Extra nourishment continued to be granted to necessitous cases in the form of milk, eggs, provisions, etc.

Milk is the main form in which extra nourishment is taken and expenditure on this item alone amounted to £150 during the year. In addition, a firm of milk distributors donated 732 pints free of charge.

Advice and assistance was also given in many cases of domestic, social and rehabilitation problems.

### **HOME HELP**

During the year, domestic assistance was provided in 319 cases. Of these, 40 related to maternity cases, 229 to the chronic sick including the aged and infirm, 49 to other cases of illness, and 1 T.B. case.

At the end of the year 3 full-time and 39 part-time Home Helps were being employed.

The Home Help service continues to develop at a steady pace and the groups of people whose care is the special task of those employed therein, the elderly, the sick, mentally ill, maternity cases and convalescent persons, receive support and aid in their own homes.

A happy and kindly relationship is maintained between the Home Helps and their "patients" and the administration is sufficiently flexible to deal with the wide variety of social problems with patience and understanding.

### **MENTAL HEALTH.**

#### **Administration.**

The administration of the Mental Health Services of the Borough is carried out by the Mental Treatment Sub-Committee which normally meets quarterly and which consists of eight members of the Health Committee and five co-opted members elected annually by the Health Committee, such appointments not being subject to confirmation by the Council. The Committee considers, and reports to the Health Committee, all matters connected with Mental Health.

#### **Training Centre**

As forecast in my Annual Report for 1961, I am pleased to record that, on 24th May, 1962, a Training Centre for mentally handicapped children and adult females was opened in temporary premises at Cleveland Villa, North Shields. This is a large building previously used by the Children's Committee as a nursery.

A supervisor, two assistant supervisors and two domestic assistants formed the nucleus of the staff to undertake the training of 18 adult females and 20 children. Many of the pupils had had no previous contact with other children, nor had they received training of any kind.

The beneficial effects of the training, on the pupils directly and on the parents or guardians indirectly, cannot be over-estimated. In fact, the enthusiastic attendance at the centre is one of the most encouraging features of the venture.

Children attending the centre have access to all the normal services which are available to school children, *i.e.*, speech therapy, orthoptic treatment and dental inspection.

## TRAINING CENTRE ACTIVITIES



Junior section – outdoor activities.



Adult section – learning to use modern domestic equipment.



A mid-day meal is provided at the centre by arrangement with the School Meals Service at a cost to the pupil of 1/- per day. Milk is also available to those under sixteen.

The junior section of the centre endeavours to give a full training on nursery lines, and learning through play is the aim. Special emphasis is made on speech, as these children often have difficulty in expressing themselves, and every opportunity is given to each child to learn according to his ability.

The adult females have a full curriculum which includes basket making, cane and raffia work and rug making. Dancing and music with their own percussion band have proved very popular. The members of this group also perform the simple domestic tasks which are required in running an ordinary home and by way of encouragement to the girls who help the domestic staff, rewards of up to 5/- per week are given.

All the laundry work of the centre is done by the domestic staff assisted by pupils, this being another attempt at a practical approach to the training of this group of pupils.

Accompanying photographs illustrate the teaching of one of the commonest of home duties—laundrywork,—in the adult section, and physical education for the juniors, by providing apparatus to assist healthy natural development.

A new training centre is being built on a site adjacent to the Public Health Department. Its completion is expected early in 1964.

#### **Staff Employed in Mental Health Service.**

R. H. Dawson, M.B., Ch.B., D.P.H., Medical Officer of Health.

Miss M. A. Loraine, B.Sc., M.B., Ch.B., D.P.H., D.C.H., Assistant Medical Officer of Health.

G. MacA. Dowson, M.B., B.S., D.P.H., Assistant Medical Officer of Health.

Medical Practitioners approved by Tynemouth Local Health Authority for the purposes of the Mental Health Act, 1959 :

R. H. Dawson, M.B., Ch.B., D.P.H.

Margaret A. Loraine, B.Sc., M.B., Ch.B., D.P.H., D.C.H.

G. MacA. Dowson, M.B., B.S., D.P.H.

F. G. M. Fraser, M.D., Ch.B., D.R.C.O.G.

R. S. Paley, M.D., Ph.D., M.R.C.P.E.

I. O. B. Spencer, M.B., M.R.C.P.

I. R. Simpson, M.B., Ch.B.

A. S. Veeder, M.R.C.S., L.R.C.P.

J. C. Yeoman, M.B., B.S.

1 Full time Mental Welfare Officer.

3 Part time Mental Welfare Officers (two male, one female).

#### **Co-ordination with Regional Hospital Board and Hospital Management Committee (joint use of Officers).**

G. McCoull, O.B.E., V.R.D., M.D., Medical Superintendent of Prudhoe and Monkton Hospital conducts a Diagnostic Clinic at the Tynemouth Public Health Department. During the year 14 clinics were held and the following cases dealt with :—

New Cases, 17 ; 64 cases paid secondary visits.

Patients residing in Tynemouth who are on leave from Prudhoe and Monkton Hospital are visited by the Hospital's Welfare Officer.

A highly satisfactory degree of co-operation exists between Prudhoe and Monkton Hospital, to which most of the Tynemouth cases requiring institutional care are admitted, and the medical and lay officers of the Local Mental Health Authority. Close liaison also has been established between the medical officers of St. George's Hospital, and the Mental Welfare Officers.

#### **Duties Delegated to Voluntary Associations.**

Nil.

#### **Training of Mental Health Workers.**

A study course, held under the auspices of Newcastle upon Tyne Public Health Department, was attended by the Supervisory Staff of the Training Centre.

### **MENTAL HEALTH ACT, 1959**

The total number of mentally ill cases dealt with by the Mental Welfare Officers in co-operation with Medical Practitioners, Hospitals and doctors approved by the Local Health Authority to furnish medical recommendations under the Mental Health Act, 1959, was 82. Of this total, 41 were admitted to St. George's Hospital, Morpeth. (27 as emergency cases, 3 for observation, 1 for long term treatment, 1 for re-admission on a Court Order and 9 as informal patients).

In respect of the 41 cases admitted to St. George's Hospital, further medical recommendations were made in 22 cases necessitating the Mental Welfare Officers concerned visiting the Hospital to carry out the statutory action required under the Mental Health Act.

17 emergency cases were admitted directly to Preston Hospital, North Shields.

In addition, an absconder from Sedgfield Asylum, Ferryhill, was recaptured in this area and returned to the Asylum.

Another patient was admitted informally to Prudhoe and Monkton Hospital, Prudhoe on Tyne.

In 22 cases investigated, no action under the Mental Health Act, 1959 was deemed necessary.

#### **Ascertainment of the Mentally Subnormal**

This work is carried out in co-operation with Tynemouth Education Authority and general practitioners. New cases are referred to Dr. McCoull for specialist assessment. The number of patients admitted to hospital during the year was 10, and 18 cases were ascertained and placed on the register of subnormal persons under the supervision of this authority.

157 cases were under supervision at the end of the year.

The Mental Welfare Officers endeavour to keep in touch with their patients and provide after-care after discharge from hospital, when required.

INSTITUTIONAL PROVISION FOR THE CARE OF THE MENTALLY SUBNORMAL

The following table shows the hospitals used by the Local Health Authority and the number of patients thereat at 31st December, 1962.

| Institution                            | Male | Female |
|----------------------------------------|------|--------|
| Prudhoe ... ..                         | 80   | 39     |
| General Hospital, South Shields ... .. | 3    | —      |
| Durrant Hill, Carlisle ... ..          | —    | 1      |
| Aycliffe ... ..                        | 1    | 1      |
| Hampton Institute ... ..               | —    | 1      |
| Lisieux Hall, Chorley ... ..           | 1    | —      |
| Northgate, Morpeth ... ..              | 2    | 1      |
| Moss Side Institute, Liverpool ... ..  | 1    | —      |
| St. Catherine's, Doncaster ... ..      | —    | 1      |
| Blind Institute, Grimstead ... ..      | —    | 1      |
| TOTALS ... ..                          | 88   | 45     |

TUBERCULOSIS. New Cases and Mortality

| Age Periods     | NEW CASES |    |               |   | DEATHS    |   |               |   |
|-----------------|-----------|----|---------------|---|-----------|---|---------------|---|
|                 | Pulmonary |    | Non-Pulmonary |   | Pulmonary |   | Non-Pulmonary |   |
|                 | M         | F  | M             | F | M         | F | M             | F |
| Under 5 ...     | 1         | 1  | —             | — | —         | — | —             | — |
| 5—14 ...        | —         | 2  | 1             | 1 | —         | — | —             | — |
| 15—24 ...       | 5         | 5  | 1             | 1 | —         | — | —             | — |
| 25—44 ...       | 7         | 5  | —             | 3 | —         | — | —             | — |
| 45—64 ...       | 7         | —  | —             | 2 | 7         | — | —             | — |
| 65 and over ... | 1         | —  | 1             | — | 1         | — | —             | — |
| Age unknown     | —         | —  | —             | — | —         | — | —             | — |
| TOTAL ...       | 21        | 13 | 3             | 7 | 8         | — | —             | — |

The following table illustrates the tuberculosis morbidity and mortality figures during the past decade.

| Year | NEW CASES      |    |                    |   | DEATHS         |   |                    |   | Mortality Rate<br>per 1,000 of<br>population |                   |
|------|----------------|----|--------------------|---|----------------|---|--------------------|---|----------------------------------------------|-------------------|
|      | Pul-<br>monary |    | Non-Pul-<br>monary |   | Pul-<br>monary |   | Non-Pul-<br>monary |   | Pulmonary                                    | Non-<br>Pulmonary |
|      | M              | F  | M                  | F | M              | F | M                  | F |                                              |                   |
| 1953 | 39             | 38 | 14                 | 7 | 6              | 9 | 3                  | 1 | 0.10                                         | 0.06              |
| 1954 | 46             | 25 | 2                  | 7 | 9              | 1 | —                  | 1 | 0.21                                         | 0.01              |
| 1955 | 36             | 16 | 1                  | 3 | 4              | 5 | 1                  | — | 0.14                                         | 0.01              |
| 1956 | 34             | 16 | 2                  | 3 | 7              | 3 | 2                  | — | 0.12                                         | 0.03              |
| 1957 | 46             | 23 | 4                  | 4 | 6              | 1 | —                  | — | 0.12                                         | 0.00              |
| 1958 | 36             | 18 | 3                  | 3 | 3              | 2 | —                  | 1 | 0.05                                         | 0.01              |
| 1959 | 27             | 20 | 1                  | 5 | 4              | 1 | —                  | 1 | 0.06                                         | 0.01              |
| 1960 | 31             | 29 | 1                  | 3 | 3              | 1 | —                  | — | 0.05                                         | Nil               |
| 1961 | 35             | 19 | 3                  | 2 | 3              | — | 1                  | — | 0.04                                         | 0.01              |
| 1962 | 21             | 13 | 3                  | 7 | 8              | — | —                  | — | 0.11                                         | Nil               |

PREVALENCE OF INFECTIOUS AND OTHER DISEASES.

NOTIFIABLE DISEASES (other than Tuberculosis).

| Period             | Scarlet Fever |   | Whooping Cough |   | Acute Poliomyelitis |   |   |               | Measles |     | Diphtheria |   | Dysentery |   | Meningococcal infection |   | Acute Pneumonia |   |
|--------------------|---------------|---|----------------|---|---------------------|---|---|---------------|---------|-----|------------|---|-----------|---|-------------------------|---|-----------------|---|
|                    | M             | F | M              | F | Paralytic           | M | F | Non-paralytic | M       | F   | M          | F | M         | F | M                       | F | M               | F |
| FIRST QUARTER ...  | 2             | — | 1              | 1 | —                   | — | — | —             | 3       | —   | —          | — | —         | — | —                       | — | —               | — |
| SECOND QUARTER ... | —             | — | —              | — | —                   | — | — | —             | 2       | 9   | —          | — | —         | — | —                       | — | —               | — |
| THIRD QUARTER ...  | —             | — | —              | 1 | —                   | — | — | —             | 3       | 1   | —          | — | —         | — | —                       | — | —               | — |
| FOURTH QUARTER ... | —             | 2 | —              | — | —                   | — | — | —             | 417     | 407 | —          | — | —         | — | —                       | 1 | —               | — |
| TOTALS ...         | 2             | 2 | 1              | 2 | —                   | — | — | —             | 425     | 417 | —          | — | —         | — | —                       | 1 | —               | — |
|                    | 4             |   | 3              |   | —                   | — | — | —             | 842     |     | —          |   | —         |   | —                       |   | 1               |   |

| Period             | Smallpox |   | Acute Encephalitis |   |                 | Enteric or Typhoid fever |   | Paratyphoid fevers |   | Erysipelas |   | Food poisoning |   | Puerperal Pyrexia |   | Ophthalmia Neonatorum |   | Other Notifiable Diseases |   |
|--------------------|----------|---|--------------------|---|-----------------|--------------------------|---|--------------------|---|------------|---|----------------|---|-------------------|---|-----------------------|---|---------------------------|---|
|                    | M        | F | M                  | F | Post-infectious | M                        | F | M                  | F | M          | F | M              | F | M                 | F | M                     | F | M                         | F |
| FIRST QUARTER ...  | —        | — | —                  | — | —               | —                        | — | —                  | — | —          | — | —              | — | —                 | — | —                     | — | —                         | — |
| SECOND QUARTER ... | —        | — | —                  | — | —               | —                        | — | —                  | — | —          | — | —              | — | —                 | — | —                     | — | —                         | — |
| THIRD QUARTER ...  | —        | — | —                  | — | —               | —                        | — | —                  | — | —          | — | —              | — | —                 | — | —                     | — | —                         | — |
| FOURTH QUARTER ... | —        | — | —                  | — | —               | —                        | — | —                  | — | 1          | — | —              | — | —                 | 1 | —                     | — | —                         | — |
| TOTALS ...         | —        | — | —                  | — | —               | —                        | — | —                  | — | 1          |   | —              |   | 1                 |   | —                     |   | —                         |   |

TREATMENT OF VENEREAL DISEASES

| TYNEMOUTH PATIENTS DEALT WITH AT CENTRES AT |     |                                   |                     |    |   |   |               |   |               |    |
|---------------------------------------------|-----|-----------------------------------|---------------------|----|---|---|---------------|---|---------------|----|
|                                             |     | Under observation or treatment on | Newcastle upon Tyne |    |   |   | South Shields |   | North Shields |    |
|                                             |     |                                   | M                   |    | F |   | M             | F | M             | F  |
|                                             |     |                                   |                     |    |   |   |               |   |               |    |
| SYPHILIS                                    | ... | ...                               | 17                  | 19 | — | — | —             | — | 29            | 38 |
|                                             |     |                                   | 17                  | 17 | — | — | —             | — | 24            | 40 |
| GONORRHOEA                                  | ... | ...                               | 2                   | —  | — | — | 1             | — | 2             | 3  |
|                                             |     |                                   | 1                   | —  | — | — | —             | — | 5             | 4  |
| OTHER CONDITIONS                            | ... | ...                               | 5                   | —  | — | — | —             | — | 4             | —  |
|                                             |     |                                   | 5                   | —  | — | 1 | —             | — | 10            | 6  |

## WATER.

### General Domestic Supply.

The water supply for domestic and general use in the County Borough of Tynemouth, is provided by the water undertaking of the Local Authority, which is also responsible for supplying water to several other areas in South East Northumberland.

The water is derived from four sources, namely, an upland surface catchment area (Fontburn), springs in the same district, an appreciable quantity from the system of the Newcastle and Gateshead Water Company, and water extracted from the River Wansbeck in the vicinity of the village of Mitford. During the year under review the proportions from each of these supplies may be expressed approximately in the following percentages, Fontburn 37·38% ; Springs 15·82% ; Newcastle and Gateshead Water Company 3·66% ; Wansbeck 18·71% ; Coquet Water Board 24·43%.

Distribution throughout the Borough is achieved through four covered service reservoirs.

The total number of samples of water derived from various points of the Corporation's water undertaking throughout the year, for the purpose of bacteriological examination was 424. Of these, 109 were obtained from piped supplies, service reservoirs and gravitation mains within the County Borough. A further 29 were of raw water. The remainder had their origin at various points located in that part of South East Northumberland supplied by the Tynemouth Water Department.

**Table relating to the Bacteriological Examination of Samples of Water derived from Piped Supplies, Service Reservoirs and Gravitation Mains within the County Borough of Tynemouth.**

| Probable No. of coliform bacilli<br>per ml. | No. of Samples.<br>(MacConkey—2 days at 37°C.) |
|---------------------------------------------|------------------------------------------------|
| 0                                           | 96                                             |
| Up to 2                                     | 5                                              |
| „ 5                                         | 2                                              |
| „ 10                                        | 1                                              |
| „ 50                                        | 4                                              |
| Over 50                                     | 1                                              |
| Total No. of Samples examined ... 109       |                                                |

Table of Results relating to Samples of Raw Water.

| Source.                                | Number of samples indicating probable<br>Number of Coliform Bacilli present.<br>(MacConkey—2 days at 37°C.). |           |           |            |             |              |             | Total<br>No. of<br>Samples |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------|-----------|------------|-------------|--------------|-------------|----------------------------|
|                                        | 0                                                                                                            | 1 to<br>2 | 3 to<br>5 | 6 to<br>10 | 11 to<br>50 | 51 to<br>180 | Over<br>180 |                            |
| Fontburn<br>(upland surface) ...       | —                                                                                                            | 2         | 1         | 1          | 3           | 2            | 1           | 10                         |
| Tosson Springs ...                     | 8                                                                                                            | 1         | —         | —          | 1           | —            | —           | 10                         |
| Cartington Springs                     | 3                                                                                                            | 2         | 3         | —          | 1           | —            | —           | 9                          |
| River Wansbeck ...                     | —                                                                                                            | —         | —         | —          | —           | —            | —           | —                          |
| Lion's Head Spring<br>(Tynem'th Beach) | —                                                                                                            | —         | —         | —          | —           | —            | —           | —                          |
| TOTAL ...                              | 11                                                                                                           | 5         | 4         | 1          | 5           | 2            | 1           | 29                         |

The total number of samples derived from piped supplies within the County Borough, submitted for chemical analysis during the year, was 27. A typical result is set out in detail below. The remaining samples did not differ materially from this example.

Date received, 4th September, 1962. Sample marked "Northumberland Square, North Shields".

| Chemical Results                            | <i>Parts per million</i> |     |     |     |     |                       |                                   |
|---------------------------------------------|--------------------------|-----|-----|-----|-----|-----------------------|-----------------------------------|
| Total solids dried at 180° C ...            | ...                      | ... | ... | ... | ... | ...                   | 180                               |
| Chlorine as chlorides ...                   | ...                      | ... | ... | ... | ... | ...                   | 12·0                              |
| Free Ammonia ...                            | ...                      | ... | ... | ... | ... | ...                   | trace                             |
| Albuminoid ammonia ...                      | ...                      | ... | ... | ... | ... | ...                   | 0·12                              |
| Nitrogen as nitrates ...                    | ...                      | ... | ... | ... | ... | ...                   | 0·40                              |
| Oxygen absorbed (4 hrs. at 80° F) ...       | ...                      | ... | ... | ... | ... | ...                   | 1·3                               |
| Total hardness ...                          | ...                      | ... | ... | ... | ... | ...                   | 89·0                              |
| Permanent hardness ...                      | ...                      | ... | ... | ... | ... | ...                   | 38·0                              |
| Temporary hardness ...                      | ...                      | ... | ... | ... | ... | ...                   | 51·0                              |
| Lead and Copper ...                         | ...                      | ... | ... | ... | ... | ...                   | none                              |
| Iron ...                                    | ...                      | ... | ... | ... | ... | ...                   | trace                             |
| Appearance and colour (Hazen degrees 5) ... | ...                      | ... | ... | ... | ... | ...                   | Clear and exceedingly pale yellow |
| Smell and Taste ...                         | ...                      | ... | ... | ... | ... | ...                   | Satisfactory                      |
| Microscopical examination of deposit ...    | ...                      | ... | ... | ... | ... | ...                   | Satisfactory                      |
| pH value ...                                | ...                      | ... | ... | ... | ... | 7·4                   |                                   |
| Lead solvency (L.G.B.) ...                  | ...                      | ... | ... | ... | ... | 0·4 parts per million |                                   |

Report :

The chemical constituents of this sample of water are very similar to those of the Oswin Terrace sample.

The water is of satisfactory organic purity and its physical characteristics are very good.

I am of the opinion that the water is suitable for a Public Supply.

(Signed) W. GORDON CAREY,  
Public Analyst.

There is a total of 23,348 separately occupied dwellings in the Borough. During the year, 13 new Water Supply installations were completed under Public Health Notices, bringing the total number of dwellings with an independent internal piped water supply to 22,033.

Whilst a fairly good response has been achieved in this field over the past five years, it is to be regretted that landlords generally, seem reluctant to provide bathroom facilities in the older properties, especially in view of the financial assistance now available, under the House Purchase and Housing Act, 1959, and the Housing (Financial Provisions) Act, 1958.

Of the total properties in the Borough, some 7,396 of these were erected before the turn of the century, and of this figure, 5,000 may be taken as a rough estimate of the number of houses in the Borough without Bathrooms.

**Swimming Baths.** There is a large open-air swimming pool, situated at the South end of Tynemouth Long Sands, and in addition, there is an open-air swimming bath at Hawkey's Lane, North Shields. The former is filled with salt water, while the latter derives its supply from the Tynemouth Corporation water undertaking. Both are open for the summer season only. Continuous filtration and chlorination are used at both pools, the amount of free chlorine present in the water being estimated daily, during the season. Bacteriological examinations and chemical analyses of samples of these waters were satisfactory.

## **SEWAGE.**

The existing arrangements for the disposal of sewage from the Borough are adequate for the immediate and the foreseeable future needs of the community. The method of disposal, however, has been the subject of considerable adverse comment in recent years, and has exercised the attention of the Council.

In common with that of other local authorities on Tyneside, the sewerage system of this authority is based on the discharge of untreated sewage into the River Tyne and its estuary, in addition to that which issimilarly discharged into adjacent coastal waters.

## PUBLIC HEALTH INSPECTION OF THE BOROUGH.

To THE MAYOR, ALDERMEN AND COUNCILLORS OF THE  
COUNTY BOROUGH OF TYNEMOUTH.

YOUR WORSHIP, LADIES AND GENTLEMEN,

I beg to submit my Annual Report upon the Public Health Inspection of the Borough during the year 1962, and wish to take this opportunity of expressing my thanks to the members of the Health Committee, and to all colleagues for their helpful co-operation and keen interest shown during the year.

I have the honour to remain,

Your obedient servant,

C. A. MURRAY, Cert.S.I.E.J.B.

Cert. Meat Inspection,

*Senior Public Health Inspector.*

### PUBLIC HEALTH INSPECTION

|                                     |     |     |     |     |     |              |                 |        |
|-------------------------------------|-----|-----|-----|-----|-----|--------------|-----------------|--------|
| Total number of inspections made    |     |     |     |     |     | ...          | ...             | 13,368 |
| Total number of re-inspections made |     |     |     |     |     | ...          | ...             | 4,491  |
|                                     |     |     |     |     |     | Inspections. | Re-inspections. |        |
| Accumulations                       | ... | ... | ... | ... | ... | 145          | 43              |        |
| Animals, Poultry, etc.              |     | ... | ... | ... | ... | 76           | 23              |        |
| Ashplaces                           | ... | ... | ... | ... | ... | 27           | 7               |        |
| Ashbins                             | ... | ... | ... | ... | ... | 180          | 9               |        |
| Bakehouses (with mechanical power)  |     |     |     | ... | ... | 67           | 17              |        |
| „ (without mechanical power)        |     |     |     | ... | ... | 12           | —               |        |
| Boiler Plant                        | ... | ... | ... | ... | ... | 65           | 18              |        |
| Butchers' Shops and Stores          |     |     | ... | ... | ... | 151          | 23              |        |
| Cesspools                           | ... | ... | ... | ... | ... | 6            | 6               |        |
| Closets—Water                       |     | ... | ... | ... | ... | 401          | 294             |        |
| „ —Privy                            |     | ... | ... | ... | ... | 23           | 7               |        |
| „ —Tub                              |     | ... | ... | ... | ... | 52           | 36              |        |
| Cold Stores                         | ... | ... | ... | ... | ... | 11           | —               |        |

|                                                  |     |     |     |       |
|--------------------------------------------------|-----|-----|-----|-------|
| Dairies, Milkshops and Milkstores                | ... | ... | 245 | 30    |
| Dangerous Structures                             | ... | ... | 43  | 23    |
| Drains—Inspected                                 | ... | ... | 329 | 341   |
| „ —Smoke Tests                                   | ... | ... | 64  | 17    |
| „ —Chemical Tests                                | ... | ... | 48  | 9     |
| „ —Water Tests                                   | ... | ... | 113 | 37    |
| Entertainment Houses                             | ... | ... | 41  | 19    |
| Factories (with mechanical power)                | ... | ... | 131 | 68    |
| „ (without mechanical power)                     | ... | ... | 21  | —     |
| „ (Outworkers)                                   | ... | ... | 19  | 7     |
| Fishmongers' Shops and Stores                    | ... | ... | 89  | 14    |
| Fish Curing Premises                             | ... | ... | 28  | —     |
| Fish Quay                                        | ... | ... | 420 | 17    |
| Fish Frying Premises                             | ... | ... | 60  | 44    |
| Houses (Overcrowded)                             | ... | ... | 57  | 9     |
| Housing Enumeration (Part IV)                    | ... | ... | 162 | 1     |
| Houses (Consolidated Regulations)                | ... | ... | 79  | 49    |
| „ (Clearance Areas, etc.)                        | ... | ... | 33  | 27    |
| Housing Act (other buildings)                    | ... | ... | 17  | 6     |
| Houses : Let in Lodgings                         | ... | ... | 12  | 1     |
| Improvement Grants                               | ... | ... | 171 | 77    |
| Infectious Diseases                              | ... | ... | 48  | 29    |
| Food Preparing Premises—Ice Cream                | ... | ... | 127 | 17    |
| „ „ „ —Cooked Meats                              | ... | ... | 227 | 29    |
| Meat and Food Inspections                        | ... | ... | 656 | 46    |
| „ „ „ Condemnations                              | ... | ... | 468 | —     |
| „ „ „ Seizures                                   | ... | ... | —   | —     |
| Meetings with Owners or Tradesmen                | ... | ... | 715 | 68    |
| Merchandise Marks Act                            | ... | ... | 17  | —     |
| Miscellaneous Visits                             | ... | ... | 365 | —     |
| Nuisances Found                                  | ... | ... | 475 | 1,007 |
| Offensive Trade Premises (excluding Fish Fryers) | ... | ... | 37  | —     |
| Pets Act, 1951                                   | ... | ... | 22  | —     |
| Piggeries                                        | ... | ... | 71  | 38    |
| Public Health Inspections                        | ... | ... | 382 | 84    |
| Rats and Mice Destruction                        | ... | ... | 962 | 758   |
| Samples—Food and Drugs Act                       | ... | ... | 199 | —     |
| „ —Pathological                                  | ... | ... | 169 | 36    |
| „ —Rag Flocks Act                                | ... | ... | —   | —     |
| „ —Water                                         | ... | ... | 26  | 4     |
| „ —Fertilizers and Feeding Stuffs Act            | ... | ... | 12  | 2     |
| Seamen's Lodging Houses                          | ... | ... | 2   | —     |
| Shops Act, 1950, Section 38                      | ... | ... | 579 | 57    |
| Sinks and Water Supply                           | ... | ... | 115 | 101   |
| Slaughterhouses—Private                          | ... | ... | 269 | —     |
| Smoke Control Areas                              | ... | ... | 818 | 2     |
| Special Notices (Meat Regulations)               | ... | ... | 5   | —     |
| Schools                                          | ... | ... | 22  | 9     |
| Smoke Observations                               | ... | ... | 58  | 18    |
| Special Visits                                   | ... | ... | 348 | 183   |
| Sewers, etc.                                     | ... | ... | 62  | 19    |

|                              |     |     |
|------------------------------|-----|-----|
| Street Gullies ... ..        | 76  | 41  |
| Streets or Back Roads ... .. | 133 | 24  |
| Stables ... ..               | 8   | 3   |
| Tips ... ..                  | 71  | 37  |
| Urinals—Public ... ..        | 112 | 10  |
| „ —Private ... ..            | 53  | 23  |
| Van Dwellings ... ..         | 67  | 36  |
| Verminous Premises ... ..    | 320 | 125 |
| Yards and Courts ... ..      | 25  | 7   |

### Complaints

|                                                                           |     |
|---------------------------------------------------------------------------|-----|
| Complaints received ... ..                                                | 997 |
| Complaints confirmed ... ..                                               | 677 |
| Matters referred to other Departments ... ..                              | 557 |
| Nuisances found ... ..                                                    | 475 |
| Premises where work has been carried out without service of notice ... .. | 171 |

### Nuisances and Defects Remedied during 1962.

|                                                             | Public Health Acts. |            | Housing Acts. | Tynemouth Corporat'n. Act. |
|-------------------------------------------------------------|---------------------|------------|---------------|----------------------------|
|                                                             | Informal.           | Statutory. | Statutory.    | Statutory.                 |
| No. of defects remedied under 1961 notices ... ..           | 41                  | 54         | 18            | 1                          |
| Informal notice defects transferred to statutory notices... | 87                  | —          | —             | —                          |
| No. of defects remedied under 1962 notices... ..            | 143                 | 75         | 16            | 57                         |
| No. of defects outstanding at end of 1962 ... ..            | 87                  | 41         | 78            | 4                          |

### THE FACTORIES ACT, 1937 to 1961.—Inspections.

| Premises.                                                                                                            | Number on Register. | Number of   |                  |                      |
|----------------------------------------------------------------------------------------------------------------------|---------------------|-------------|------------------|----------------------|
|                                                                                                                      |                     | Inspections | Written notices. | Occupiers prosecuted |
| (i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities                             | 34                  | 21          | —                | —                    |
| (ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ...                         | 241                 | 131         | 13               | —                    |
| (iii) Other Premises in which Section 7 is enforced by the the Local Authority (excluding out-workers' premises) ... | 6                   | 8           | —                | —                    |
| TOTALS ... ..                                                                                                        | 281                 | 160         | 13               | —                    |

The following defects were dealt with on receipt of notices from H.M. Inspector of Factories, and remedied in the course of inspections.

### CASES IN WHICH DEFECTS WERE FOUND

| Particulars.                                                                    | Number of cases in which defects were found. |          |                   |                   | Number of cases in which prosecutions were instituted |
|---------------------------------------------------------------------------------|----------------------------------------------|----------|-------------------|-------------------|-------------------------------------------------------|
|                                                                                 | Found                                        | Remedied | Referred          |                   |                                                       |
|                                                                                 |                                              |          | To H.M. Inspector | By H.M. Inspector |                                                       |
| Want of cleanliness (S.1)                                                       | 4                                            | 4        | —                 | —                 | —                                                     |
| Overcrowding (S.2) ...                                                          | —                                            | —        | —                 | —                 | —                                                     |
| Unreasonable temperature (S.3) ...                                              | —                                            | —        | —                 | —                 | —                                                     |
| Inadequate ventilation (S.4) ...                                                | 2                                            | 2        | —                 | —                 | —                                                     |
| Ineffective drainage of floors (S.6) ...                                        | —                                            | —        | —                 | —                 | —                                                     |
| Sanitary Conveniences (S.7)                                                     |                                              |          |                   |                   |                                                       |
| (a) insufficient ...                                                            | 1                                            | 1        | —                 | —                 | —                                                     |
| (b) Unsuitable or defective ...                                                 | 6                                            | 6        | —                 | —                 | —                                                     |
| (c) Not separate for sexes ...                                                  | —                                            | —        | —                 | —                 | —                                                     |
| Other offences against the Act (not including offences relating to Outwork) ... | —                                            | —        | —                 | —                 | —                                                     |
| TOTALS ...                                                                      | 13                                           | 13       | —                 | —                 | —                                                     |

There was a total of 281 factories on the Register at the end of the year, 241 with mechanical, and 34 without mechanical power.

### OUTWORKERS

No notices under the Factories Acts, 1937 to 1961 were received during the year.

### MEANS OF ESCAPE IN CASE OF FIRE

Under the provisions of Section 34(1) factories of certain categories are required to be certified by the Council as having adequate means of escape in case of fire. Sixteen certificates were approved during the year.

### BAKEHOUSES

There were 29 premises on the Register at the end of the year, all of which were inspected regularly. No notices were served during the year.

### MOVEABLE DWELLINGS (P.H. Act, 1936, Sec. 269)

During the year 103 visits were made to 15 Caravans.

**SHOPS ACT, 1950 (Section 38)**

Under the provisions of the above Act, 579 visits were made to inspect sanitary conveniences and other arrangements for the welfare of the assistants. There were no notices served during the year.

**ASHPITS**

There are 5 ashpits and 11 pail closets in the Borough.

**DEINFESTATION (GENERAL)**

The household effects of all prospective Corporation tenants are inspected for Vermin and freed before removal. Furniture is sprayed in situ with residual insecticidal spray. Articles of bedding are also treated, either by a process of steam disinfection, or by a six hour concentrated fumigation, with Sulphur Dioxide (2·8% S.O.<sub>2</sub>), the gas being kept circulating by means of an electric fan.

All deinfestation is carried out by experienced men employed by the Local Authority.

In the course of the year, over 200 requests were received for advice and assistance in the identification, and eradication of insect pests. The following table shows the number of treatments given. In all 445 visits were made.

|                              | No. of Houses Inspected |            | No of Houses Treated by L.A. |           |
|------------------------------|-------------------------|------------|------------------------------|-----------|
|                              | Council                 | Private    | Council                      | Private   |
| Furniture Inspections ...    | 26                      | 14         | 25                           | 5         |
| Cockroaches ... ..           | 147                     | 18         | 58                           | 5         |
| Bugs ... ..                  | 29                      | 8          | 1                            | 3         |
| Lice ... ..                  | 8                       | 2          | 4                            | —         |
| Wasps ... ..                 | 2                       | 4          | 2                            | 4         |
| Woodworm ... ..              | 31                      | 24         | 17                           | 8         |
| Cluster Flies ... ..         | 9                       | 4          | 3                            | 3         |
| Fleas ... ..                 | 16                      | 16         | 9                            | 7         |
| Spider Beetles ... ..        | 13                      | 13         | 4                            | 1         |
| Blow Flies ... ..            | 4                       | —          | —                            | —         |
| Clover Mite (Red Spider) ... | 42                      | —          | 18                           | —         |
| Moths ... ..                 | —                       | —          | —                            | —         |
| <b>TOTAL ...</b>             | <b>327</b>              | <b>103</b> | <b>141</b>                   | <b>36</b> |

**DISINFECTION OF PREMISES AND ARTICLES OF CLOTHING.**

The following table shows the number of rooms disinfected and the number of articles of clothing removed and disinfected at Moor Park Hospital Disinfecting Station during the year.

| Disease.              |     |     |     |     |     |     | Rooms.     | Articles of Clothing. |
|-----------------------|-----|-----|-----|-----|-----|-----|------------|-----------------------|
| Diphtheria ... ..     | ... | ... | ... | ... | ... | ... | —          | —                     |
| Scarlet Fever ... ..  | ... | ... | ... | ... | ... | ... | 3          | —                     |
| Tuberculosis ... ..   | ... | ... | ... | ... | ... | ... | 8          | —                     |
| Vermin ... ..         | ... | ... | ... | ... | ... | ... | 106        | 31                    |
| Measles ... ..        | ... | ... | ... | ... | ... | ... | —          | —                     |
| Other Diseases ... .. | ... | ... | ... | ... | ... | ... | 1          | 44                    |
| <b>Total ... ..</b>   | ... | ... | ... | ... | ... | ... | <b>118</b> | <b>75</b>             |

## RODENT CONTROL

This control is administered under the provisions of the Prevention of Damage by Pests Act, 1949.

During the year, privately owned and Corporation properties, including tips, were treated by the Corporation, whilst at certain privately owned works and other premises, treatment was carried out either by direct labour or by servicing firms. Farms and small holdings have also received attention.

One Partial Maintenance treatment of the Sewers was carried out in accordance with the recommendations of the Infestation Control Division of the Ministry of Agriculture and Fisheries. This consisted of two days pre-bait, one day poison bait, and a final day's visit to ascertain the amount of bait consumed. The estimated kill for this treatment was 3,800 rats.

One Block Control treatment to Fish Quay premises was carried out during the year, resulting in a calculated kill of 67 rats.

### Prevalence of Rats and Mice, and Measures of Control by the Local Authority

|                                                        | TYPE OF PROPERTY         |                                          |                                       |                         |              |
|--------------------------------------------------------|--------------------------|------------------------------------------|---------------------------------------|-------------------------|--------------|
|                                                        | Local Authority Premises | Dwelling Houses including Council Houses | All other including Business Premises | Total of Cols. 1, 2 & 3 | Agricultural |
| No. of properties in Local Authority's district ... .. | 165                      | 23,153                                   | 3,018                                 | 26,336                  | 6            |
| No. of properties inspected :—                         |                          |                                          |                                       |                         |              |
| By Notification ... ..                                 | Nil                      | 270                                      | 45                                    | 315                     | Nil          |
| By Survey ... ..                                       | 102                      | 1,350                                    | 250                                   | 1,702                   | 6            |
| Total inspections including re-inspections ... ..      | 258                      | 1,650                                    | 328                                   | 2,226                   | 42           |
| No. of properties inspected :                          |                          |                                          |                                       |                         |              |
| Sec. III. Infested by :                                |                          |                                          |                                       |                         |              |
| (a) Rats { Major ... ..                                | 2                        | —                                        | —                                     | 2                       | 6            |
| { Minor ... ..                                         | 14                       | 234                                      | 51                                    | 279                     | 6            |
| (b) Mice { Major ... ..                                | —                        | 2                                        | —                                     | 2                       | 6            |
| { Minor ... ..                                         | 5                        | 156                                      | 17                                    | 178                     | 6            |
| No. of infested properties :                           |                          |                                          |                                       |                         |              |
| Sec. IV. Treated by L.A. ... ..                        | 21                       | 392                                      | 30                                    | 443                     | —            |
| No. of notices served under Sec. IV of the Act ... ..  | —                        | 1                                        | —                                     | —                       | —            |
| Legal proceedings ... ..                               | —                        | —                                        | —                                     | —                       | —            |
| No. of "Block" Control Schemes carried out ... ..      | 43                       | —                                        | —                                     | —                       | —            |

## SEAMEN'S AND COMMON LODGING HOUSES.

There was only one Seamen's Lodging House on the Register at the end of the year, having accommodation for 8 males. Two visits were made during the year. The Chief Constable made periodic inspections and reported his satisfaction. There are no common lodging houses in the Borough.

## THEATRES, MUSIC HALLS, etc.

Forty-one inspections were made in connection with ventilation, sanitation and cleanliness of cinemas. The Chief Constable who is Inspector of Public Buildings, also has had inspections made.

## FERTILISERS AND FEEDING STUFFS ACT, 1926

Twelve informal samples of Fertilisers were taken during the year. The Public Analyst reported that all samples complied with the regulations.

## RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951.

The total number of premises registered is 7.

There were no samples taken during the year.

## OFFENSIVE TRADES.

Regular inspections have been made on premises at which Offensive Trades are carried on, and the Regulations have been strictly enforced. A list of Offensive Trades registered in this Borough is given herewith :—

|                      |   |
|----------------------|---|
| Tripe Boiling ... .. | 1 |
| Gut Scraping ... ..  | 1 |

In addition to these premises, regular visits have been made to analogous trades (fish liver boiling, fish meal and manure manufacture).

## INSPECTION AND TESTING OF DRAINS.

The total number of tests made during the year was 670 of which 81 were Smoke Tests, 57 Chemical Tests and 150 Water Tests. The drains and sanitary conveniences of new buildings are dealt with by the Borough Surveyor's Staff.

## RENT ACT, 1957

### CERTIFICATES OF DISREPAIR

Details of the number of applications for Certificates of Disrepair, and applications for cancellation of Certificates of Disrepair which have been dealt with during the year, are as follows :—

#### Part I.—Applications for Certificates of Disrepair

|                                                          |     |
|----------------------------------------------------------|-----|
| 1. Number of applications for Certificates ... ..        | 4   |
| 2. No. of decisions not to issue Certificates ... ..     | Nil |
| 3. No. of decisions to issue Certificates ... ..         | Nil |
| (a) In respect of <i>some but not all</i> defects ... .. | 1   |
| (b) In respect of <i>all defects</i> ... ..              | Nil |

|                                                                                                  |     |     |     |     |     |     |
|--------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|
| 4. No. of Undertakings given by Landlord, under Para. 5 of First Schedule                        | ... | ... | ... | ... | ... | 3   |
| 5. No. of Undertakings refused by Local Authority under proviso to Para. 5 of the First Schedule | ... | ... | ... | ... | ... | Nil |
| 6. No. of Certificates issued                                                                    | ... | ... | ... | ... | ... | 1   |

#### **Part II.—Applications for Cancellation of Certificates**

|                                                                                  |     |     |     |     |     |     |
|----------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|
| 7. Applications by Landlords to Local Authority for cancellation of Certificates | ... | ... | ... | ... | ... | 3   |
| 8. Objections by Tenants to cancellation of Certificates                         | ... | ... | ... | ... | ... | 1   |
| 9. Decisions by Local Authority to cancel in spite of tenants' objections        | ... | ... | ... | ... | ... | Nil |
| 10. Certificates cancelled by Local Authority                                    | ... | ... | ... | ... | ... | 2   |

#### **HOUSE PURCHASE AND HOUSING ACT 1959 and the HOUSING (FINANCIAL PROVISIONS) ACT 1958**

The Housing Committee has continued the making of grants under the provisions of the above Acts, which now supercede Section 20 of the Housing Act, 1949. Unfortunately owners seem reluctant to take advantage of the opportunity offered by these grants.

Under the above Acts there are now two kinds of Grant, namely a Standard Grant and a Discretionary Grant.

- 1. Standard Grants** are available towards the cost of improving a house which lacks certain standard amenities, such as bath, w.c., or hot water system. They are specially intended to help the modernisation of houses which can be equipped with these amenities without the necessity for structural additions involving much new building work.
- 2. Discretionary Grants** are payable for a wider range and more extensive forms of improvements, including the conversion or adaptation of larger houses and other buildings. But payment of these grants is at the discretion of the local council.

The following table shows the number of Discretionary and Standard Grants dealt with during the year.

| <b>Discretionary Grants</b>                                                           | No. of Applications | No. of Units |
|---------------------------------------------------------------------------------------|---------------------|--------------|
| No. of houses in respect of which applications were received and approved             | 36                  | 63           |
| No. of houses in respect of which applications were withdrawn, not accepted or repaid | 3                   | 4            |
| No. of houses not suitable for improvement                                            | Nil                 | Nil          |
| No. of houses suitable for improvement                                                | 36                  | 63           |

|                                                                                        | No. of Applications | No. of Units |
|----------------------------------------------------------------------------------------|---------------------|--------------|
| No. of houses in respect of which formal applications have been received ... ..        | 36                  | 63           |
| No. of formal applications approved by Local Authority and work carried out with grant | 26                  | 43           |

Standard Grants

|                                                                                  |    |     |
|----------------------------------------------------------------------------------|----|-----|
| No. of houses in respect of which applications were received and approved ... .. | 20 | 21  |
| No. of houses suitable for improvement ...                                       | 20 | 21  |
| No. of formal applications approved by Local Authority ... ..                    | 20 | 21  |
| No. of grants paid and work carried out ...                                      | 18 | 19* |
| No. of grants repaid ... ..                                                      | 1  | 1   |

(\* detailed hereunder).

| Dwellings | Bath | Washbasin | Hot Water | Water Closet | Food Store |
|-----------|------|-----------|-----------|--------------|------------|
| 14        | 14   | 14        | 14        | 14           | 14         |
| 2         | 2    | 2         | 2         | 2            | —          |
| 1         | 1    | —         | —         | 1            | —          |
| 2         | —    | —         | —         | 2            | —          |
| —         | —    | —         | —         | —            | —          |
| 19        | 17   | 16        | 16        | 19           | 14         |

This work is administered in conjunction with the Borough Surveyor's Department.

## HOUSING.

New dwellings erected under the Corporation Housing Scheme during the year :—

### NEW HOUSES ERECTED DURING 1962.

(A) Total number of Houses Erected :—

|                                       |     |
|---------------------------------------|-----|
| (1) By the Local Authority ... ..     | 129 |
| (2) By other Local Authorities ... .. | —   |
| (3) By other bodies or persons ... .. | 164 |

The above information has been supplied by the Borough Surveyor.

### I.—Inspection of Dwelling houses during the Year.

|                                                                                                                                                                        |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| (1) (a) Total number of dwellinghouses inspected for housing defects under Public Health or Housing Acts ... ..                                                        | 348 |
| (b) Number of inspections made for the purpose ...                                                                                                                     | 440 |
| (2) (a) Number of dwellinghouses included under sub-head (1) above which were inspected and recorded under the Housing Consolidation Regulations, 1925-1932 ... ..     | 79  |
| (b) Number of inspections made for the purpose ...                                                                                                                     | 128 |
| (3) Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... ..                                     | 17  |
| (4) Number of dwellinghouses (exclusive of those referred to under the preceding sub-head) found not to be in all respects, reasonably fit for human habitation ... .. | 331 |

### II.—Remedy of Defects during the Year without Service of Formal Notice.

|                                                                                                                                   |     |
|-----------------------------------------------------------------------------------------------------------------------------------|-----|
| Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their Officers ... .. | 103 |
|-----------------------------------------------------------------------------------------------------------------------------------|-----|

### III.—Action under Statutory Powers during the Year.

(A) Proceedings under Sections 9, 10 and 12 of the Housing Act, 1957.

|                                                                                              |     |
|----------------------------------------------------------------------------------------------|-----|
| (1) Number of dwellinghouses in respect of which notices were served requiring repairs... .. | 9   |
| (2) Number of dwellinghouses which were rendered fit after service of formal notices :—      |     |
| (a) By Owners ... ..                                                                         | Nil |
| (b) By Local Authority in default of Owners ...                                              | Nil |

(B) Proceedings under Public Health Acts.

|                                                                                                           |     |
|-----------------------------------------------------------------------------------------------------------|-----|
| (1) Number of dwellinghouses in respect of which notices were served requiring defects to be remedied ... | 103 |
| (2) Number of dwellinghouses in which defects were remedied after service of formal notices :—            |     |

|                                                                                                                                                     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| (a) By Owners ... ..                                                                                                                                | 128 |
| (b) By Local Authority in default of Owners ...                                                                                                     | 10  |
| (C) Proceedings under the Housing Act, 1957—Demolition Orders.                                                                                      |     |
| (1) Number of dwellinghouses in respect of which Demolition Orders were made ... ..                                                                 | —   |
| (2) Number of dwellinghouses demolished in pursuance of Demolition Orders ... ..                                                                    | 1   |
| (D) Proceedings under the Housing Act, 1957—Closing Orders.                                                                                         |     |
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ...                                              | 6   |
| (2) Number of separate tenements or underground rooms in which Closing Orders were determined, the tenement or room having been rendered fit ... .. | —   |

#### IV.—Overcrowding, Housing Act, 1936

From information available, there is a total of 317 dwellings overcrowded ; 52 of which are privately owned properties, and the remaining 265 on Corporation Housing Estates.

Whilst the degree of overcrowding on Corporation properties appears to be high in relation to the total overcrowded properties in the Borough, it is to be borne in mind that a higher standard is laid down by the Ministry for Corporation properties than that which is observed for private dwellings.

During the year, 24 new cases of overcrowding were recorded, whilst some 32 families were removed from the list, 13 from privately owned properties, and 19 from Corporation properties.

I give below a table showing the individual composition of all overcrowded families remaining on the list at the end of the year.

| SIZE OF FAMILY IN "UNITS" |               |    |    |    |    |    |    |    |    |     |    |     |    |     |        |
|---------------------------|---------------|----|----|----|----|----|----|----|----|-----|----|-----|----|-----|--------|
| Property<br>Owned<br>by   | Up<br>to<br>6 | 6½ | 7  | 7½ | 8  | 8½ | 9  | 9½ | 10 | 10½ | 11 | 11½ | 12 | 12½ | Totals |
| Private                   | 38            | 1  | 5  | —  | 3  | —  | 2  | —  | 2  | —   | 1  | —   | —  | —   | 52     |
| Corp'n. ...               | 148           | 14 | 36 | 16 | 24 | 9  | 10 | 3  | 3  | —   | 1  | —   | —  | 1   | 265    |
| TOTALS ...                | 186           | 15 | 41 | 16 | 27 | 9  | 12 | 3  | 5  | —   | 2  | —   | —  | 1   | 317    |



## MILK SUPPLIES.

The County borough is included in a specified area under the Milk (Special Designation) (Specified Areas No. 2) Order 1953.

Two producers of non-designated milk have arrangements for their supplies to be sent to the Pasteurisation plant erected in the area of the adjacent authority of Whitley Bay.

275 visits were made to dairies, milk shops, etc.

Consignments of milk coming into the Borough and the conditions of the empty churns returned received attention. The keeping qualities of milk from certain outside sources has considerably improved due chiefly to better transport facilities.

## MILK (SPECIAL DESIGNATIONS) REGULATIONS, 1960.

These Regulations came into force on the 1st of October, 1960, under which it is now possible to issue a licence, authorising the use of any, or all, of the special designations, for a period of five years, each licence to be subsequently renewed at five year intervals.

During the year, 9 new applications were received bringing the total of Registered Milk Retailers to 223.

## MILK SAMPLES FOR BACTERIOLOGICAL EXAMINATION.

During the year 112 samples of Milk were taken for examination and submitted to the Public Health Laboratory at Newcastle. Of the total samples taken 35 were from sources within the Borough and 77 from outside. In addition 61 samples of Pasteurised Milk were submitted for the Phosphatase Test.

11 of the above samples were examined for Tubercle Bacilli and gave negative results.

The following table sets out the details of the examinations carried out.

## RESULTS OF BACTERIOLOGICAL EXAMINATIONS OF MILK.

|                                                |                      |     | <i>Total.</i> | <i>Passed.</i> | <i>Failed.</i> |
|------------------------------------------------|----------------------|-----|---------------|----------------|----------------|
| <b>Pasteurised Milk.</b>                       | Methylene Blue Test  | ... | 37            | 35             | 2              |
|                                                | Coliform Test        | ... | —             | —              | —              |
|                                                | Tubercle Test        | ... | 37            | 35             | 2              |
|                                                | Phosphatase Test     | ... | 37            | 35             | 2              |
| <b>Tuberculin Tested<br/>Pasteurised Milk.</b> | Methylene Blue Test  | ... | 24            | 23             | 1              |
|                                                | Coliform Test        | ... | —             | —              | —              |
|                                                | Tubercle Test        | ... | 24            | 23             | 1              |
|                                                | Phosphatase Test     | ... | 24            | 23             | 1              |
| <b>Ungraded Milk.</b>                          | Methylene Blue Test  | ... | 27            | 20             | 7              |
|                                                | Coliform Test        | ... | 27            | 20             | 7              |
|                                                | Tubercle Test        | ... | 27            | 20             | 7              |
| <b>Tuberculin Tested<br/>Milk.</b>             | Methylene Blue Test  | ... | 14            | 14             | —              |
|                                                | Coliform Test        | ... | 14            | 14             | —              |
|                                                | Tubercle Test        | ... | 14            | 14             | —              |
| <b>Sterilised Milk.</b>                        | Turbidity Test       | ... | 10            | 10             | —              |
|                                                | Total Graded Milks   | ... | 235           | 226            | 9              |
|                                                | Total Ungraded Milks |     | 81            | 60             | 21             |
|                                                | Total Tests Made     | ... | 326           | 296            | 30             |

The producers of unsatisfactory samples in this area were visited cautioned and given advice, whilst those outside the area were notified together with the Local Authorities concerned.

### ICE-CREAM.

There are 8 producers in the Borough. Equipment has now been modernised, and all ice-cream is produced in accordance with the Ice-Cream (Heat Treatment, etc.) Regulations, 1947-1951.

35 samples were subjected to the Methylene Blue Test similar to that applied to Milk samples. It is suggested by the Ministry that over any six months period 50% of vendors' samples should fall into Grade 1 ; 80% into Grades 1 or 2 ; and not more than 20% into Grade 3 ; and none at all in Grade 4.

The graded results of samples are as follows :—

| Grade 1. | Grade 2. | Grade 3. | Grade 4. | Total. |
|----------|----------|----------|----------|--------|
| 27       | 2        | 2        | 4        | 35     |

The Food Standards (Ice-Cream) Order, 1953, requires that ice-cream shall contain certain minimum quantities of fat, sugar and milk solids other than fat. Two samples were taken during the year, both of which were satisfactory.

### TYNEMOUTH CORPORATION ACTS, 1916-1934.

Regulations made under these Acts are in force, and no persons are permitted to use premises for the preparation of cooked or preserved foods unless they are registered by the Local Authority, who have power to refuse registration if, in their opinion, the premises are unsatisfactory.

There were 282 persons in the Borough registered as occupiers of premises in which Ice-Cream is sold or manufactured. 146 persons are registered as owners or occupiers of premises in which Preserved Meat, Fish Cakes, or other foods are prepared and sold. These figures do not include premises used for the business of Fish and Potato Frying.

354 visits were made during the year to supervise and emphasise the need for cleanliness in the handling of food. No serious negligence was discovered.

## FOOD AND DRUGS.

### MILK AND CREAM REGULATIONS, 1912-1927.

- (1) Milk and Cream not sold as Preserved Cream. The following samples were examined for the presence of a preservative :  
Milk 136 ; Cream Nil ; and Tinned Cream one. No preservatives were reported to be present in any of the foregoing samples.
- (2) Thickening Substances. No evidence was found during the year of any addition of thickening substances to Cream.

### ARTIFICIAL CREAM ACT, 1929.

There were no samples taken under this Act during the year.

### FOOD AND DRUGS ACT, 1938.

The following table sets out details of samples found adulterated during the past five years.

| Year. | TOTAL SAMPLES.   |                     |                         | MILK SAMPLES.    |                     |                         |
|-------|------------------|---------------------|-------------------------|------------------|---------------------|-------------------------|
|       | Number Examined. | Number Adulterated. | Percentage Adulterated. | Number Examined. | Number Adulterated. | Percentage Adulterated. |
| 1958  | 204              | 7                   | 3.43                    | 122              | 3                   | 2.46                    |
| 1959  | 215              | 4                   | 1.86                    | 132              | —                   | 0.00                    |
| 1960  | 213              | —                   | 0.00                    | 129              | —                   | 0.00                    |
| 1961  | 229              | 4                   | 1.74                    | 129              | —                   | 0.00                    |
| 1962  | 228              | 7                   | 3.07                    | 134              | 2                   | 1.49                    |

Details of samples taken during 1962 are set out in Table I on page 46.

## Samples taken for Chemical Analysis

TABLE I

| Articles Analysed               | Total | No. of Samples taken for Analysis |         | No. found to be Adulterated |         | Percentages of samples Adulterated |         |
|---------------------------------|-------|-----------------------------------|---------|-----------------------------|---------|------------------------------------|---------|
|                                 |       | Infro-mal                         | For-mal | Infro-mal                   | For-mal | Infro-mal                          | For-mal |
| Aspic Jelly ... ..              | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Beef Dripping ... ..            | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Butter ... ..                   | 7     | 7                                 | —       | —                           | —       | —                                  | —       |
| Buttered Brazils ... ..         | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Chicken Breast ... ..           | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Crab (Dressed) ... ..           | 2     | 2                                 | —       | —                           | —       | —                                  | —       |
| Chocolate Sponge Pudding ... .. | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Chipolata Sausages ... ..       | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Carrots ... ..                  | 1     | —                                 | —       | 1                           | —       | 100%                               | —       |
| Coffee (Instant) ... ..         | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Chocolate Cake Covering ... ..  | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Celery Seeds ... ..             | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Chicken (Boneless) ... ..       | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Cheese ... ..                   | 6     | 5                                 | —       | 1                           | —       | 16.6%                              | —       |
| Celery Spread ... ..            | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Chicken Paste ... ..            | 2     | 2                                 | —       | —                           | —       | —                                  | —       |
| Curry Sauce ... ..              | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Coffee ... ..                   | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Cooking Oil ... ..              | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Coffee and Chicory ... ..       | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Curry Sauce ... ..              | 2     | 2                                 | —       | —                           | —       | —                                  | —       |
| Cream (Canned) ... ..           | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Essence of Anchovies ... ..     | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Essence of Rennet ... ..        | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Fish Cakes ... ..               | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Ground Rice ... ..              | 2     | 2                                 | —       | —                           | —       | —                                  | —       |
| Ground Mixed Spice ... ..       | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Ham and Beef Paste ... ..       | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Horseradish Sauce ... ..        | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Honey Spread ... ..             | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Ice Cream ... ..                | 2     | 2                                 | —       | —                           | —       | —                                  | —       |
| Instant Coffee ... ..           | 3     | 3                                 | —       | —                           | —       | —                                  | —       |
| Instant Whip ... ..             | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Lard ... ..                     | 6     | 6                                 | —       | —                           | —       | —                                  | —       |
| Margarine ... ..                | 7     | 7                                 | —       | —                           | —       | —                                  | —       |
| Milk—Sterilised ... ..          | 36    | —                                 | 36      | —                           | —       | —                                  | —       |
| „ —Pasteurised ... ..           | 40    | —                                 | 39      | —                           | 1       | —                                  | 2.5%    |
| „ —T.T. ... ..                  | 15    | —                                 | 14      | —                           | 1       | —                                  | 6.6%    |
| „ —T.T. Pasteurised ... ..      | 34    | —                                 | 34      | —                           | —       | —                                  | —       |
| „ —Channel Islands ... ..       | 11    | —                                 | 11      | —                           | —       | —                                  | —       |
| Malt Vinegar ... ..             | 1     | —                                 | —       | 1                           | —       | 100%                               | —       |
| Olive Oil ... ..                | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Parsley Stuffing ... ..         | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Peanut Spread ... ..            | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Peas Pudding ... ..             | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Pepper White ... ..             | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Processed Cheese ... ..         | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Rice Pudding ... ..             | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Salad Cream ... ..              | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Strawberry Drink ... ..         | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Sausage (Beef) ... ..           | 7     | 6                                 | —       | 1                           | —       | 14.28%                             | —       |
| Sauce ... ..                    | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Sardine Spread ... ..           | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Salmon Paste ... ..             | 2     | 2                                 | —       | —                           | —       | —                                  | —       |
| Salmon & Shrimp Paste ... ..    | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Sausage (Pork) ... ..           | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Tapioca Pudding ... ..          | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Tomato ... ..                   | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Tongue Paste ... ..             | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| Tomato Paste ... ..             | 1     | —                                 | —       | 1                           | —       | 100%                               | —       |
| Veal & Ham Paste ... ..         | 1     | 1                                 | —       | —                           | —       | —                                  | —       |
| TOTALS ... ..                   | 228   | 87                                | 134     | 5                           | 2       | 5.74%                              | 1.49%   |

## Particulars of Adulterated Samples

TABLE II

| Sample No. | Article                    | Defect                                                                                             | Action                                                                   |
|------------|----------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 76         | Milk—Jersey T.T.           | Contained only 3·63%<br>Milk Fat. Min. 4%                                                          | Farmer cautioned.                                                        |
| 78         | Milk—Channel Islands. T.T. | Contained only 2·99%<br>Milk Fat. Min 4%                                                           | Farmer cautioned.                                                        |
| 103        | Malt Vinegar               | Unfit for human consumption.                                                                       | Manufacturer cautioned.                                                  |
| 114        | Carrots (Tinned)           | Unfit for human consumption.                                                                       | Manufacturer cautioned.                                                  |
| 152        | Tomato Paste               | Labelled unsuitably for sale in U.K. (Foreign)                                                     | Satisfactory explanation given by manufacturer. No further action taken. |
| 157        | Beef Sausage               | Sample contained 900 parts per million of Sulphur Dioxide. Permitted amount 450 parts per million. | Satisfactory explanation given by manufacturer. No further action taken. |
| 186        | Cream Cheese               | Contained only 13·8% Fat. Min. 45%.                                                                | Letter of caution to manufacturer and wholesaler.                        |

**PUBLIC HEALTH (CONDENSED MILK) REGULATIONS, 1923-1927.**

No samples were taken during the year under these regulations.

**PUBLIC HEALTH (DRIED MILK) REGULATIONS 1923-1927.**

No samples were taken under these regulations during the year.

**PUBLIC HEALTH (PRESERVATIVES IN FOOD) REGULATIONS 1925-1927.**

228 samples were examined during the year and in no case was any infringement of the regulations discovered.

**INSPECTION OF MEAT AND OTHER FOODS.**

There is one private Slaughterhouse on an Annual Licence, used by four butchers. 269 visits were made during the year.

This Slaughter House was closed on the 30th December, 1962.

**Carcases and Offal Inspected and Condemned in Whole or Part  
during 1962**

|                                                                                                                | Cattle<br>excluding<br>Cows | Cows | Calves | Sheep<br>and<br>Lambs | Pigs | Horses |
|----------------------------------------------------------------------------------------------------------------|-----------------------------|------|--------|-----------------------|------|--------|
| Number killed ... ..                                                                                           | 361                         | —    | —      | 1559                  | —    | —      |
| Number inspected ... ..                                                                                        | 361                         | —    | —      | 1559                  | —    | —      |
| <b>All diseases except<br/>Tuberculosis &amp; Cysticerci</b><br>Whole carcases condemned                       | —                           | —    | —      | —                     | —    | —      |
| Carcases of which some part<br>or organ was condemned                                                          | 67                          | —    | —      | 78                    | —    | —      |
| Percentage of the number<br>inspected affected with<br>disease other than tuber-<br>culosis and cysticerci ... | 18.5%                       | —    | —      | 4.36%                 | —    | —      |
| <b>Tuberculosis only :</b><br>Whole carcases condemned                                                         | —                           | —    | —      | —                     | —    | —      |
| Carcases of which some part<br>or organ was condemned                                                          | 1                           | —    | —      | —                     | —    | —      |
| Percentage of the number<br>inspected affected with<br>tuberculosis ... ..                                     | 0.28%                       | —    | —      | —                     | —    | —      |
| <b>Cysticercosis :</b><br>Carcases of which some<br>part or organ was con-<br>demned ... ..                    | —                           | —    | —      | —                     | —    | —      |
| Carcases submitted to treat-<br>ment by refrigeration ...                                                      | —                           | —    | —      | —                     | —    | —      |
| Generalised and totally con-<br>demned ... ..                                                                  | —                           | —    | —      | —                     | —    | —      |

### Inspection of Meat.

174 visits were made to butchers' shops. There are no open stalls used for the sale of meat.

### TOTAL AMOUNT OF UNSOUND FOOD CONDEMNED.

| Food                        | Tons | Cwts. | Qrs. | Lbs. | Ozs.             |
|-----------------------------|------|-------|------|------|------------------|
| Fish ... ..                 | 7    | 18    | —    | 11   | 8                |
| Shellfish ... ..            | —    | 5     | 2    | 4    | 11 $\frac{3}{4}$ |
| Beef ... ..                 | 7    | 19    | 1    | 24   | —                |
| Mutton ... ..               | 1    | —     | —    | —    | —                |
| Tinned Fish ... ..          | —    | 1     | —    | 3    | 6 $\frac{3}{4}$  |
| Tinned Milk ... ..          | —    | 5     | —    | 22   | 9 $\frac{1}{2}$  |
| Tinned Meat ... ..          | 1    | 19    | 2    | 10   | 5 $\frac{1}{2}$  |
| Tinned Goods ... ..         | 3    | 3     | 2    | 16   | 11 $\frac{1}{2}$ |
| Pork ... ..                 | 4    | 2     | —    | 10   | 4                |
| Chicken ... ..              | —    | —     | —    | 12   | —                |
| Miscellaneous Groceries ... | 1    | 10    | 1    | 21   | 14 $\frac{3}{4}$ |
| TOTAL ... ..                | 28   | 5     | —    | 25   | 7 $\frac{3}{4}$  |

All meat, offal and fish were sent for salvage for animal feeding stuffs or fertilisers to two factories within the Borough. Other foodstuffs are destroyed at the incinerator.

### FISH.

During the season, a large number of boats were engaged in herring fishing, and the catches were usually landed and dealt with the same day. All catches were dealt with at the Corporation Fish Quay, and the quality of the fish landed, has been well maintained.

The Quaymaster has kindly placed at my disposal the following figures showing the volume of the trade in fish during the year.

#### Landings Made direct from the Fishing Grounds.

|                     |     |     |                |               |
|---------------------|-----|-----|----------------|---------------|
| White Fish          | ... | ... | 44,11 landings | 197,794 cwts. |
| Herring (Drift Net) | ... | 851 | „              | 32,974 „      |

#### Imported from Norway and landed at Fish Quay ex Norwegian Carriers

|            |     |     |
|------------|-----|-----|
| White Fish | ... | Nil |
| Herring    | ... | Nil |

### SHELLFISH

The condition of shellfish coming into this town continued to receive attention.

There were no samples taken during the year.

There are no layings within the area of this authority.

**SWINE FEVER.**

There were no confirmed cases reported during the year.

**WHALEMEAT.**

Since the introduction of the Food and Drugs (Whalemeat) Regulations, 1949, no landings have been made directly from the fishing grounds.

**MINERAL OIL IN FOOD ORDER, 1949.**

No cases were discovered during the year.

**THE DISEASES OF ANIMALS (WASTE FOODS) ORDER, 1957**

No licences were issued during the year.

## **CLEAN AIR ACT, 1956**

### **Legislation**

A resolution was passed by the Local Authority to adopt Building Bye-Laws for preventing Smoke under Sec. 61 of the Public Health Act, 1936, and Sec. 24 of the Clean Air Act, 1956. This was approved by the Ministry of Housing and Local Government, and came into force on the 1st June, 1958.

### **Smoke Control Areas.**

During February 1962, the Health Committee accepted a phased programme for the establishment of Smoke Control Areas. This was prepared at the instance of the Ministry of Housing and Local Government, and it included the Council's proposals for the next five years. It also indicated the intention of the Council to establish Smoke Control Areas over the whole of the Borough within 25 years.

On August 24th the Council declared Smoke Control Areas of approximately 439 acres, comprising mostly open spaces for potential building sites. At the expiry of the period for objections, no appeals against the Orders were lodged. At the end of the year, the Minister had not confirmed these Orders.

Inspections are proceeding in Areas No. 6 and 7, which will comprise approximately 536 acres, and include almost 1,000 dwellings and some 29 other premises.

### **Prior Approval to New Boiler Plant**

There were no applications received under this heading during the year.

### **Smoke Observations**

A total of fifty-eight smoke observations were conducted during the year, and 83 visits were made to inspect Boiler Plant.

### **Measurement of Atmospheric Pollution**

On the 20th January, 1958, Recording Apparatus (Smoke Filter and Volumetric Sulphur Dioxide) was installed in the Public Health Department.

During each period of 24 hours, about 60 cu. ft. of air from outside the building is drawn by means of a small electric pump, through a piece of white filter paper, and then through two bubbling tubes, containing diluted hydrogen peroxide. Smoke particles are trapped on the filter paper and form a stain, which varies according to the amount of tarry and other combustible matter in the smoke suspended in the atmosphere.

The weight of material caught, is estimated by matching the stain with a scale of shades which has been previously calibrated, by matching with weighted stains. Up to April of last year, the amount was expressed in milligrammes of smoke particles per 100 cubic metres of air, but the Department of Scientific and Industrial Research have now considered a more effective standard of measurement to be in milligrammes per cubic metre. Sulphur Dioxide in the air, reacts with the Hydrogen Peroxide, to form dilute Sulphuric Acid, and the amount of this is estimated daily by titration with standard Alkali. From this the amount of Sulphur Dioxide is calculated.

#### Air Pollution Measurements—Volumetric Instrument

| 1962             | SMOKE                        |                       | S.O. <sub>2</sub>        |                       |
|------------------|------------------------------|-----------------------|--------------------------|-----------------------|
|                  | Monthly Average              | Highest Daily Average | Monthly Average          | Highest Daily Average |
|                  | In Mgs. per 100 cubic metres |                       | In parts per 100 million |                       |
| JANUARY ... ..   | 347                          | 734                   | 105                      | 239                   |
| FEBRUARY ... ..  | 203                          | 735                   | 75                       | 174                   |
| MARCH ... ..     | 141                          | 407                   | 208                      | 526                   |
| APRIL ... ..     | 196                          | 379                   | 63                       | 125                   |
| MAY ... ..       | 130                          | 333                   | 49                       | 110                   |
| JUNE ... ..      | 95                           | 187                   | 68                       | 205                   |
| JULY ... ..      | 86                           | 163                   | 43                       | 86                    |
| AUGUST ... ..    | 104                          | 474                   | 44                       | 96                    |
| SEPTEMBER ... .. | 187                          | 370                   | 62                       | 150                   |
| OCTOBER ... ..   | 270                          | 398                   | 93                       | 165                   |
| NOVEMBER ... ..  | 334                          | 787                   | 144                      | 318                   |
| DECEMBER ... ..  | 434                          | 1,306                 | 224                      | 819                   |

Tynemouth County Borough Council is a member of the North Eastern Regional Advisory Committee of Local Authorities for Smoke Abatement and Clean Air.

|                                       |     |     |     |     |     |     |                    | PAGE   |
|---------------------------------------|-----|-----|-----|-----|-----|-----|--------------------|--------|
| A.                                    |     |     |     |     |     |     |                    |        |
| Ambulance Service ... ..              | ... | ... | ... | ... | ... | ... | ...                | 20     |
| Ashpits ... ..                        | ... | ... | ... | ... | ... | ... | ...                | 35     |
| B.                                    |     |     |     |     |     |     |                    |        |
| Bakehouses ... ..                     | ... | ... | ... | ... | ... | ... | ...                | 34     |
| B.C.G. Vaccination ... ..             | ... | ... | ... | ... | ... | ... | ...                | 21     |
| Births ... ..                         | ... | ... | ... | ... | ... | ... | 1, 7, 8,           | 16     |
| Blind Persons ... ..                  | ... | ... | ... | ... | ... | ... | ...                | 10     |
| C.                                    |     |     |     |     |     |     |                    |        |
| Cancer ... ..                         | ... | ... | ... | ... | ... | ... | ...                | 6      |
| Caravans ... ..                       | ... | ... | ... | ... | ... | ... | ...                | 34     |
| Child Guidance ... ..                 | ... | ... | ... | ... | ... | ... | ...                | 12     |
| Child Welfare Centres ... ..          | ... | ... | ... | ... | ... | ... | ...                | 12     |
| Chiropody Service ... ..              | ... | ... | ... | ... | ... | ... | ...                | 11     |
| Clean Air Act ... ..                  | ... | ... | ... | ... | ... | ... | ...                | 51, 52 |
| D.                                    |     |     |     |     |     |     |                    |        |
| Deaths ... ..                         | ... | ... | ... | ... | ... | ... | 3, 4, 5, 6, 7, 8,  | 25     |
| Dental Treatment ... ..               | ... | ... | ... | ... | ... | ... | ...                | 14     |
| Diphtheria Immunisation ... ..        | ... | ... | ... | ... | ... | ... | ...                | 19     |
| Disinfection ... ..                   | ... | ... | ... | ... | ... | ... | ...                | 35     |
| Drains ... ..                         | ... | ... | ... | ... | ... | ... | ...                | 37     |
| E.                                    |     |     |     |     |     |     |                    |        |
| Elderly and Infirm Persons ... ..     | ... | ... | ... | ... | ... | ... | ...                | 11     |
| F.                                    |     |     |     |     |     |     |                    |        |
| Fertilisers and Feeding Stuffs ... .. | ... | ... | ... | ... | ... | ... | ...                | 37     |
| Fish ... ..                           | ... | ... | ... | ... | ... | ... | ...                | 49     |
| Food and Drugs ... ..                 | ... | ... | ... | ... | ... | ... | 42, 45, 46, 47, 48 |        |
| H.                                    |     |     |     |     |     |     |                    |        |
| Health Education ... ..               | ... | ... | ... | ... | ... | ... | ...                | 12     |
| Health Visiting ... ..                | ... | ... | ... | ... | ... | ... | ...                | 16, 21 |
| Home Help ... ..                      | ... | ... | ... | ... | ... | ... | ...                | 22     |
| Home Nursing ... ..                   | ... | ... | ... | ... | ... | ... | 16, 17, 18         |        |
| Housing ... ..                        | ... | ... | ... | ... | ... | ... | ...                | 40, 41 |
| I.                                    |     |     |     |     |     |     |                    |        |
| Ice-cream ... ..                      | ... | ... | ... | ... | ... | ... | ...                | 44     |
| Infant Mortality ... ..               | ... | ... | ... | ... | ... | ... | ...                | 2      |
| Infectious Diseases ... ..            | ... | ... | ... | ... | ... | ... | ...                | 26     |

|                                    |     |     |     |     |     |     |                | PAGE   |
|------------------------------------|-----|-----|-----|-----|-----|-----|----------------|--------|
| L.                                 |     |     |     |     |     |     |                |        |
| Lodging Houses                     | ... | ... | ... | ... | ... | ... | ...            | 37     |
| M.                                 |     |     |     |     |     |     |                |        |
| Marriages                          | ... | ... | ... | ... | ... | ... | ...            | 1      |
| Maternal Mortality                 | ... | ... | ... | ... | ... | ... | ...            | 2      |
| Meat Inspections                   | ... | ... | ... | ... | ... | ... | ...            | 49     |
| Medical Examinations               | ... | ... | ... | ... | ... | ... | ...            | 11     |
| Mental Health                      | ... | ... | ... | ... | ... | ... | 22, 23, 24, 25 |        |
| Midwifery                          | ... | ... | ... | ... | ... | ... | ...            | 15     |
| Milk Supplies                      | ... | ... | ... | ... | ... | ... | ...            | 47     |
| Moral Welfare                      | ... | ... | ... | ... | ... | ... | ...            | 12, 43 |
| N.                                 |     |     |     |     |     |     |                |        |
| Nurseries and Child Minders        | ... | ... | ... | ... | ... | ... | ...            | 10     |
| Nursery Schools                    | ... | ... | ... | ... | ... | ... | ...            | 13     |
| O.                                 |     |     |     |     |     |     |                |        |
| Offensive Trades                   | ... | ... | ... | ... | ... | ... | ...            | 37     |
| P.                                 |     |     |     |     |     |     |                |        |
| Poliomyelitis                      | ... | ... | ... | ... | ... | ... | ...            | 19     |
| Population                         | ... | ... | ... | ... | ... | ... | ...            | 1, 8   |
| Prematurity                        | ... | ... | ... | ... | ... | ... | ...            | 13     |
| Public Health Inspections          | ... | ... | ... | ... | ... | ... | 31, 32, 33, 34 |        |
| R.                                 |     |     |     |     |     |     |                |        |
| Rent Act                           | ... | ... | ... | ... | ... | ... | 37, 38, 39     |        |
| Relaxation and Mothercraft Classes | ... | ... | ... | ... | ... | ... | ...            | 16     |
| Rodent Control                     | ... | ... | ... | ... | ... | ... | ...            | 36     |
| S.                                 |     |     |     |     |     |     |                |        |
| Separate Occupiers                 | ... | ... | ... | ... | ... | ... | ...            | 9      |
| Sewage                             | ... | ... | ... | ... | ... | ... | ...            | 30     |
| Shops Act                          | ... | ... | ... | ... | ... | ... | ...            | 35     |
| Smallpox Vaccination               | ... | ... | ... | ... | ... | ... | ...            | 18     |
| Stillbirths                        | ... | ... | ... | ... | ... | ... | ...            | 2, 7   |
| Swimming Baths                     | ... | ... | ... | ... | ... | ... | ...            | 30     |
| T.                                 |     |     |     |     |     |     |                |        |
| Tuberculosis                       | ... | ... | ... | ... | ... | ... | 20, 21, 25     |        |
| Training Centre                    | ... | ... | ... | ... | ... | ... | ...            | 23     |
| V.                                 |     |     |     |     |     |     |                |        |
| Venereal Diseases                  | ... | ... | ... | ... | ... | ... | ...            | 27     |
| W.                                 |     |     |     |     |     |     |                |        |
| Wards                              | ... | ... | ... | ... | ... | ... | ...            | 7      |
| Water Supply                       | ... | ... | ... | ... | ... | ... | 28, 29, 30     |        |
| Welfare Foods                      | ... | ... | ... | ... | ... | ... | ...            | 14     |
| Whooping Cough Immunisation        | ... | ... | ... | ... | ... | ... | ...            | 20     |